Natural Resources Information Directory 1985

Alberta

ENERGY AND NATURAL RESOURCES
Resource Evaluation and Planning Division

NATURAL RESOURCES INFORMATION DIRECTORY 1985

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Alberta Energy and Natural Resources
Edmonton, Alberta.

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Resource Evaluation and Planning Division

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PREFACE

The purpose of the **Natural Resources Information Directory** is to provide individuals and organizations dealing with natural resource and land-related information with a means of determining what Alberta information is available and from whom.

Over the years the Directory has grown in both scope and content and in the methods of update. For the first time, computerization of the Directory, combined with the installation of the Xerox 9700 printer, has allowed us to bypass all typesetting stages and go directly to printing. It is our hope that these and other changes made to this publication have improved its usefulness.

If you are aware of information that is not included in this publication, please contact us so that we may include it in our next edition. We invite your comments.

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INFORMATION GUIDE

HOW TO USE THE NATURAL RESOURCES INFORMATION DIRECTORY

The **Natural Resources Information Directory 1985** is an updated version of the 1984 Directory. All information listed is publically available, except where noted. Entries have been arranged alphabetically within six general information categories:

1. INFORMATION GUIDE

The purpose of the Information Guide is to provide the user with an understanding of the content and scope of the directory and how to access its information.

Within this section an organizational breakdown of Alberta government's agencies which deal with natural resource and land related information has been provided to assist the NRID user in determining general areas of responsibility within the government. It should be noted that the information upon which this breakdown is based is several years old and that reorganization may have occurred within the respective agencies. Use the information number supplied to determine possible changes.

Also contained within this section are the addresses for map and air photo distribution outlets, land registration districts, research stations and institutions, information centres, and Alberta government libraries containing natural resource information.

2. LEGISLATIVE STATUTES

Referenced within this section are the statutes and regulations pertaining to the natural resources of Alberta.

3. MAPS

Referenced within this section are map series' and reports, in which the primary source of information is the map itself. Areal coverage within the province, where known, has been indicated to the nearest 1:250 000 National Topographic System (NTS) map sheet (refer to the Index under **Map Coverage by NTS**), in some instances, the nearest 1:50 000 NTS map sheet. Where there are a large number of maps and/or reports available for a given subject, a key map is usually provided to delineate individual project areas.

4. REPORTS AND BIBLIOGRAPHIES

Reports pertaining to the natural resources of the province, usually accompanied by maps, are included in this section. Areal coverage, to the nearest 1:250 000 NTS map sheet, has been included where known (refer to **Report Coverage by NTS**). Municipal planning information has also been included.

5. RESOURCE FILES AND DATA BASES

Referenced within this information category are natural resource related data bases and resource information collections that are available either as paper or computer files. Coverage, to the nearest 1:250 000 NTS map sheet, has been included where known (refer to **Data Base Coverage by NTS**).

6. BIBLIOGRAPHIES, INDEXES, DIRECTORIES AND CATALOGUES

Listed in this section are references to publications that relate to the natural resources of Alberta.

Access to information within the NRID has been facilitated by the inclusion of an extensive KWOC index; which also includes:

An author index.
A 1:250 000 National Topographic System map sheet with subject index for each of numbers 3, 4 and 5 above.
All place names mentioned within the Directory, with subject.

Information received after December 31, 1984 does not appear in the current Directory.

AGENCIES WITHIN THE GOVERNMENT OF ALBERTA DEALING WITH NATURAL RESOURCE INFORMATION

The following information was extracted from the document entitled **Organization of The Government of Alberta**, prepared by Alberta Treasury on behalf of the Executive Council Office, published in November of 1983. The next printing of this document is scheduled fo March 1985. Copies of this document are available from:

Alberta Treasury
Administrative Services
423 Terrace Bldg.
9515-107th Street
Edmonton, Alberta
T5K 2C3 (403) 427-3072

Re-organization within departments has occurred subsequent to publication of the above 1983 document and as such the following should be used as a general guide to the areas of responsibilities within the respective departments.

ADVANCED EDUCATION

This department administers programs, funding and technical training to further the advanced education of Albertans.

Information Number : 427-2784

There are three divisions within this department. They are as follows:

1. **ADMINISTRATIVE SERVICES**

   Administers to operating and capital finance, campus development and provides administrative services to institutions and departmental communication services. To fufill these responsibilities there are seven branches in this division. They are:

   a. **Legislative Services**

   b. **Finance Operations**

   c. **Financial Planning**

   d. **Campus Development**

   e. **Communications Services**

   f. **1980's Advanced Education Endowment Fund**

2. **PROGRAM SERVICES**

   Responsible for the directing of department programs including educational technology development, further education, and programs related to health and social services manpower.

3. **FIELD SERVICES**

Manages a number of institutions throughout Alberta providing educational services to citizens throughout the province. One of these institutions is the Petroleum Industry Training Centre, which offers technical and vocational training to adult Albertans.

AGRICULTURE

The department through its programs and policies aids in the increased economic viability of the agriculture industry.

Information Number : 427-2727

There are eleven divisions in the department. They are as follows:

1. **PLANT INDUSTRY**

   This division provides a service in plant and related sciences aimed at achieving greater economic and aesthetic returns to those engaged in agriculture. There are five branches in this division, they are:

   a. **Field Crops**

   b. **Crop Protection**

   c. **Soils**

   d. **Tree Nursery and Horticultural Centre**

   e. **Alberta Horticultural Research Centre**

2. **ANIMAL INDUSTRY**

   This division provides a service in animal and related sciences aimed at achieving greater economic and aesthetic returns to those engaged in agriculture. There are five branches in this division. They are:

   a. **Pork Industry**

   b. **Industry**

   c. **Cattle and Sheep**

   d. **Poultry and Regulatory Services**

   e. **Feeder Associations**

3. **DAIRY**

   This division assists dairy producers and processors through inspection, consultation, and demonstration with the objective of producing legal, safe, and wholesome dairy products economically. There are four branches in this division. They are:

   a. **Dairy Processing**

   b. **Dairy Farm Inspection**

c. **Dairy Farm Production**

d. **Dairy Cattle Improvement**

4. **ANIMAL HEALTH**

This division's programs and services provide disease diagnostic results, inspection, consultation and extension information to help improve disease control, agricultural production and production of safe, quality products. There are five branches in this division. They are:

a. **Meat Hygiene**

b. **Preventive Medicine**

c. **Regional Laboratories**

d. **Reference Laboratories**

e. **Pathology**

5. **HOME ECONOMICS AND 4-H**

This division provides home economics and youth programs and activities to rural Albertans to assist them in further developing their ability to manage the economic and social well being of their families. There are two branches in the division. They are:

a. **Home Economics**

b. **4-H**

6. **ENGINEERING AND RURAL SERVICES**

This division provides services not readily available from non-governmental sources, which assist in developing and maintaining farms, and improving the quality of life and rural communities. There are three branches in the division. They are:

a. **Extension Services**

b. **Rural Services**

c. **Engineering and Home Design**

7. **MARKET DEVELOPMENT**

This division develops, coordinates, and implements services and support programs to assist agricultural producers, processors and marketers to increase sales of agricultural commodities, processed food, feed products, and technical services.

8. **MARKETING SERVICES**

Provides support and coordination to the growth and development of Alberta's commodity, food, feed, and beverage industry through access to human, technical, and financial resources capable of supporting the industry's commodity development, processing, business analysis and laboratory service requirements. There are four branches in the division. They are:

a. **Agri-Food Development**

b. **Agricultural Processing Development**

c. **Business Analysis**

d. **Food Laboratory Services**

9. **RESEARCH**

This division is responsible for administration of research grant programs, development and implementation of criteria for evaluating research programs, maintenance of a comprehensive inventory of agricultural research projects, dissemination of research information and coordination of research activities across the department. There are two branches in the division. They are:

a. **The Alberta Agriculture Research Fund:** This branch distributes funds to agriculture research projects for which no branch or divisional budgets are allocated.

b. **Farming for the Future:** This branch is responsible for the running of three programs. A research program, an on-farm demonstration program, and a graduate student research support program; all of which are supported by the Heritage Savings Trust Fund.

10. RESOURCE PLANNING

This division supports planning activities related to the allocation, development, management, and conservation of Alberta's land and water resources for the long term benefit of the agricultural sector. There are three branches in the division. They are:

a. **Land Use:** This branch collects and analyzes resource use information and participates in interdepartmental planning activities related to land and water resource issues.

b. **Land Classification:** Provides land evaluation and classification services related to land and water resource development and management.

c. **Project Planning:** This branch assists in planning the rehabilitation, development, and management of irrigation delivery systems.

11. IRRIGATION AND CONSERVATION

This division concentrates on programs and services to assist farmers with soil and water conservation. There are 3 Branches in the division. They are:

a. **Conservation and Development:** This branch develops, promotes and transfers on-farm soil and water conservation and management technology.

b. **Drainage:** Provides technical expertise in on-farm subsurface drainage, seepage control, and groundwater flow analysis.

c. **Irrigation:** Assists in implementing and maintaining functional farm irrigation systems.

ATTORNEY GENERAL

Provides legal services to departments, boards, agencies, commissions and the Executive Council. The department also provides prosecutional services on behalf of the Crown and administers various other major programs.

Information Number: 427-2745

There are three divisions in the department. They are as follows:

1. **CIVIL LAW**

   Coordinates the legal services for all departments in the areas of civil law, constitutional law, legal research, and analysis. To fulfill these duties there are two branches in this division. They are:

   a. **The Public Trustee Branch**

   b. **Land Titles:** The branch is responsible for registration and research services for documents relating to titles of patented land.

2. **ADMINISTRATION**

   Provides services relating to department management on all aspects of non-legal administration and administrative support of the court.

3. **CRIMINAL LAW**

   This division administers and provides prosecutorial services in the following branches:

   a. **Criminal Justice**

   b. **Special Prosecutions**

   c. **Family and Juvenile Matters**

   d. **Gaming Control**

CULTURE

The Department is responsible for the administration, coordination, and control of all aspects of art, heritage, and culture in Alberta.

Information Number: 427-2565

There are three divisions in the department. They are as follows:

1. **FINANCE AND ADMINISTRATION**

2. **CULTURAL DEVELOPMENT**

3. **HISTORICAL RESOURCES**

   This division manages historical resources throughout Alberta. There are six branches in the division. They are as follows:

   a. **Museum Services**

   b. **Provincial Museum of Alberta**

   c. **Historic Sites Service**

   d. **Provincial Archives of Alberta**

   e. **Tyrell Museum of Palaentology**

   f. **Archaelogical Survey of Alberta:** This branch locates, records, and maintains a registry of archaelogical surveys in Alberta.

ENERGY AND NATURAL RESOURCES

The Department is responsible for the management of Alberta's energy and natural resources. Including mineral resources, fish and wildlife, and forestry.

Information Number: 427-3590

There are thirteen divisions in the department. They are as follows:

1. **FINANCE AND GENERAL SERVICES**

   Provides functional direction pertaining to financial management and coordinates administrative matters in the General Services Branch. The division contains three branches:

   a. **Financial Planning and Control Branch**

   b. **General Services Branch**

   c. **Financial Accounting Branch**

2. **MINERAL REVENUES**

Responsible for the calculation, collection and verification of Crown mineral revenues. The division also supervises the following branches:

a. **Audit**

b. **Petroleum Royalty**

c. **Natural Gas**

d. **Coal and other Royalties**

e. **Mineral Tax**

3. PERSONNEL SERVICES

Responsible for all aspects of personnel management. To fulfill this responsibility the division has five branches:

a. **Occupational Health and Safety**

b. **Training and Development**

c. **Personnel, Southern Alberta Region**

d. **Personnel Services**

e. **Directorship of the Forest Technology School**

4. SYSTEMS PLANNING AND DEVELOPMENT

Responsible for strategic planning of the department's information systems. There is one branch in the division:

a. **Computer Systems**

5. LEGAL SERVICES

Acts as a legal counsel for the department in the drafting, revising, and examining of legal documents. In addition the division also interprets statutes and provides legal opinion.

6. SCIENTIFIC AND ENGINEERING SERVICES AND RESEARCH

Provides research and analysis of the technical, scientific and engineering aspects of resource management. To fulfill these responsibilities there are five branches:

a. **Research Programs:** The branch is responsible for managing energy and renewable resource research funds provided by the Alberta/Canada Energy Resource Research Fund.

b. **Senior Advisor, Coal:**

c. **Environmental Advisor:** Reviews resource development proposals and ensures they meet environmental standards.

d. **Energy Conservation and Renewable Energy Research:** Responsible for many public awareness programs regarding energy conservation.

e. **Reclamation Research:** Plans, manages, and coordinates research programs into the reclamation of public lands disturbed by surface activities or natural phenomenon.

7. POLICY ANALYSIS AND PLANNING

Provides advice on resource management and planning. The division is divided into four branches:

a. **Economic Planning and Financial Analysis:** Provides resource and financial information regarding various resource programs and projects.

b. **Resource Information Services:** Responsible for the gathering and dissemination of information relating to all aspects of the energy and natural resources areas.

c. **Public Affairs:** Responsible for the department's public relations activities for the Energy and Renewable Resources areas.

d. **Energy Conservation:** Responsible for information and demonstration programs, incentives, and legislation for energy conservation.

8. RESOURCE EVALUATION AND PLANNING

Responsible for the production of all aerial photography, mapping, resource inventory and appraisal and integrated resource policy and planning services. To fulfill these responsibilties there are three branches:

a. **Resource Evaluation:** Responsible for procurement and production of aerial photography, mapping, field survey data, appraisal of data relating to surface and sub-surface resources and management of a resource data bank.

b. **Resource Planning:** Develops integrated resource guidelines and plans of action for land and resource management.

c. **Program Support:** Responsible for various support services.

9. ALBERTA FOREST SERVICE

Formulates and coordinates policies, programs and legislation for the Alberta Forest Service and administers the Forest Resource Management Program. To fulfill these responsibilities there are six branches of the Alberta Forest Service:

a. **Forest Land Use:** Manages Alberta's public forest lands for watershed, grazing, and recreational benefits.

b. **Forest Protection:** Protects Alberta's forests from damage and destruction by natural causes.

c. **Program Support:** Runs the Junior Forest Warden and Junior Forest Ranger programs to educate the public about forest conservation.

d. **Reforestation and Reclamation:** Establishes, maintains and improves forest stands and reclaims disturbed forest land for recreational, grazing, watershed, and wildlife benefits.

e. **Timber Management:** Manages Alberta's timber resources to the best advantage of continued timber harvest while maintaining a high quality forest environment.

f. **Forest Research:** Conducts research into improved forest management.

10. PUBLIC LANDS

Responsible for the administration of public lands as provided under the Public Lands Act and the management of public lands not dedicated to permanent forest. To fulfill these responsibilities there are three branches in the division. They are:

a. **Public Lands Dispositions:** Responsible for the issuing and administration of all industrial, commercial, recreational, residential, farmland and grazing dispositions on public lands in Alberta.

b. **Program Support:** Responsible for field services, legal documentation, surface rights plotting and all administrative support provided to the Lands division.

c. **Land Management and Development:** Responsible for the grazing reserve operation and development program, range improvement programs and the establishment of land use conditions.

11. FISH AND WILDLIFE

Responsible for the management of fish and wildlife resources and coordinates with other departments and agencies to optimize populations and distributions for the benefit of Albertans. There are five branches in the division. They are:

a. **Fisheries Management:** Responsible for the administration, inventory, research, and determination of acceptable harvest levels and quotas of fish resources. The branch is also responsible for the management of fish environment and various government fisheries.

b. **Wildlife Management:** Responsible for the administration, inventory, research, and determination of acceptable harvest levels and quotas of migratory bird resources. The branch is also responsible for the management of migratory bird environment.

c. **Habitat Protection:** Designs and plans all land and water management programs that deal with fish and wildlife populations.

d. **Program Support:** Responsible for education and conservation programs.

e. **Public Information and Extension:** Develops and implements province wide information and education programs supporting fish and wildlife policies.

12. MINERAL RESOURCES

Formulates policies for all aspects of the Mines and Minerals Act relating to mineral resource dispositions and administration of mineral resource sales, agreements and geological, geophysical and drilling activities and incentives. To help fulfill these responsibilities there are four branches. They are:

a. **Oil and Gas Agreements:** Manages and administers Crown agreements in petroleum and natural gas including the sale of Crown mineral agreements.

b. **Exploration:** Responsible for the collection and interpretation of data required by the division to help make management decisions concerning the management of mineral resources.

c. **Mineral Agreements:** Responsible for the sale, management, and administration of Crown mineral agreements relating to bituminous and oil sands coal and metallic and industrial minerals.

d. **Mineral Support:** Provides drafting and graphics services and various other support services to the division.

13. ALBERTA BUREAU OF SURVEYING AND MAPPING

Responsible for overall coordination of government surveying and mapping activities, for the development and maintenance of standards, and the distribution of maps and aerial photographs. There are six branches in the division to help fulfill these responsibilities. They are:

a. **Land Surveys**

b. **Planning and Coordination**

c. **Land Information Services Group**

d. **Survey Control:** Provides a survey control framework suitable for use by government departments and the private sector in the integration of position dependent land related information.

e. **Mapping:** Provides a standardized mapping system suitable as the basis for the display of position dependent land related information.

f. **Program Support:** Responsible for map and aerial photo distribution and support services to the division.

ALBERTA ENVIRONMENT

The department is responsible for the management, evaluation, and preservation of Alberta's natural environment.

Information Number: 427-2739

There are eighteen divisions in the department. They are as follows:

1. **FINANCIAL PLANNING**

2. **FINANCIAL OPERATIONS**

3. **SYSTEMS AND COMPUTING**

4. **PUBLIC COMMUNICATIONS**

   Informs Albertans about department programs and advocates public environmental responsibilty through communicational and educational activities. To fulfill these responsiblities there are two branches in the division. They are:

   a. **Environmental Resources and Production**

   b. **Media Services**

5. **CONTRACT ADMINISTRATION**

   Administers to all stages of the drafting of departmental contracts.

6. **ENVIRONMENTAL ASSESSMENT**

   Administers to the Environmental Impact Assessment review, the Remote Sensing Centre, and Community Affairs Services.

7. **LAND ASSEMBLY**

   Responsible for the administration of the Department of the Environment Act with respect to the Restricted Development Areas, and for all department legislation pertaining to the purchase of land.

8. **LAND RECLAMATION**

   Responsible for the administration of the Land Surface Conservation and Reclamation Act pertaining to regulated surface operations, the Land Conservation and Reclamation Council, land surface reclamation, and referral systems. To fulfill these responsibilities there are four branches in the division. They are:

   a. **Regional Land Use**

b. **Reclamation**

c. **Restricted Land Use**

d. **Regulated Operations**

9. TECHNICAL SERVICES

Provides hydrological and river engineering analysis, flow forecasting, and land and water surveys. To fulfill these duties there are four branches in the division. They are:

a. **Hydrology**

b. **River Engineering**

c. **Survey**

d. **River Forecast Centre**

10. DESIGN AND CONSTRUCTION

Responsible for the supervision of design and construction of water resource projects. There are two branches:

a. **Construction**

b. **Geotechnical Branch**

11. WATER RESOURCES ADMINISTRATION

Enforces water resource legislation, and operates water resources regional offices. There are six branches:

a. **Surface Water Rights**

b. **Ground Water Rights**

c. **Hydroelectric**

d. **Dam Safety**

e. **Administrative Support**

f. **Regional Services**

12. PLANNING

Responsible for river basin planning, planning input to regional projects, environmental, social and economic evaluation of water resource management projects and evaluation of water resource policies and programs.

13. OPERATION AND MAINTENANCE

Responsible for the operation and maintenance of water resource projects, the water resources revolving fund, site development program, emergency water supply program and irrigation headworks system.

14. EARTH SCIENCES

Responsible for soils, technical development and groundwater branch work in protection of soil and groundwater waste application to land technology and groundwater development and for the management of the Metis Water Supply Program. There are three branches in this division. They are:

a. **Hydrogeology**

b. **Soils**

c. **Technical Development**

15. POLLUTION CONTROL

Supervises pollution control programs, monitoring of plants and ambient conditions and the enforcement of environmental regulations. There are five branches in this division. They are:

a. **Air Quality**

b. **Municipal Engineering**

c. **Pesticide Chemicals**

d. **Water Management**

e. **Water Quality Control**

16. RESEARCH MANAGEMENT

Responsible for research management, the management of the department library and the Alberta Oil Sands Environmental Research Program.

17. STANDARDS AND APPROVALS

Responsible for the review of all industrial and municipal applications for permits to construct and licences to operate new and/or existing facilities as related to the Clean Air and Clean Water Acts and the corresponding regulations for issuing environmental permits and licences, for developing emission and effluent performance standards regarding pollution matters as they affect air and water quality, and for the administration of the new Alberta Municipal Water Supply and Sewage Treatment Grant Program. There are four branches in the division, they are:

a. **Air Quality**

b. **Industrial Wastes**

c. **Municipal Engineering**

d. **Water Quality**

18. ALBERTA ENVIRONMENTAL CENTRE

Studies and solves environmental problems presented by the various governmental departments.

FEDERAL AND INTERGOVERNMENTAL AFFAIRS

Coordinates the conduct of intergovernmental activities of all departments.

Information Number: 427-2611

There are six divisions in this department. They are as follows:

1. **SOCIAL AND CULTURAL AFFAIRS**

   Investigates and coordinates all intergovernmental affairs covering a range of issues with social and cultural aspects, including wildlife.

2. **RESEARCH AND PLANNING**

3. **RESOURCES AND ECONOMIC DEVELOPMENT**

   Coordinates, investigates and makes recommendations on all aspects of energy and natural resources, industrial development, tourism, agriculture, transportation, environment, communications, national defence, DREE, consumer and corporate affairs and northern affairs. There are two branches. They are:

   a. **Natural Resources** Responsible for developing policy and strategy recommendations and advising on intergovernmental matters as they relate to non-renewable resources.

   b. **Northern Affairs and Economic Development**

4. **INTERNATIONAL DIVISION**

5. **ADMINISTRATION**

6. **COMMUNICATIONS**

ENERGY RESOURCES CONSERVATION BOARD

The Board is responsible for issuing regulations and orders pertaining to the oil and gas industry, the pipeline industry, and other matters in its jurisdiction. It also conducts inspections, investigations, studies and hearings, prepares reports, collects, summarizes, evaluates and publishes data.

Information Number: 297-8311 (switchboard)

There are thirteen departments in the board. They are as follows:

1. **ADMINISTATIVE AND FINANCIAL SERVICES**

   Concerned with all aspects of board administration. There are two branches in this department. They are:

   a. **Accounting**

b. **Administrative Services:** Responsible for administration of printing operations, word processing, drafting, library, information services, department systems and procedures.

2. COAL

Deals with the conservation of coal resources and with the environmental impact of coal mining.

3. DATA PROCESSING

Systems planning and design, program development and procurement of computer services. There are two branches of this department, they are:

a. **Planning**

b. **Operations**

4. DEVELOPMENT

Develops, updates, and enforces policies and regulations regarding the drilling, completion, production, and abandonment of wells, and enforcing pollution abatement standards in the corresponding field operations through the activities of the drilling and production, environment protection and field operations divisions. There are two branches in the department. They are:

a. **Drilling and Production:** Drilling and Production is responsible for ensuring proper location, drilling, completion and abandonment of wells, specifying and enforcing the board's requirements for blowout prevention equipment, casing, cementing, completing and abandoning of oil, gas and service wells; for ensuring proper measurement and reporting of produced and injected fluids; for matters affecting conservation, subsurface disposal of waste liquids and produced water; and approval and surveillance of multizone well completions and common flowlines.

b. **Field Operations:** Ensures that the provisions of the Oil and Gas Conservation Act, the Pipeline Act, 1975, the branches regulations and other requirements of the board are met by the industry at the field level, and for ensuring safe operation in drilling, producing, gas processing and pipeline activities, responsible for ensuring the accurate measurement of oil, gas, and water production and injection, and pollution control in field operations.

5. ECONOMICS

Administers and coordinates cost/benefit, social impact and other economic analyses, the compilation of statistics and the preparation of forecasts for population projection and demand and supply of oil, gas, coal, and electric energy and prepares the monthly oil proration order.

6. EMPLOYEE RELATIONS

Responsible for recruitment, training, development and employee relations and working conditions.

7. ENVIRONMENT POTECTION

Responsible for development and administration of environmental regulations and policies pertaining to drilling, production, gas processing and pipeline operations, for coordination of environmental activities jointly involving the board, government departments, agencies or industry, and for coordination of Chemical Research Laboratory operations.

8. GAS

Determines the reserves and deliverability of gas, natural gas liquids and sulfur. The department regulates the processing of gas, and assists the board in matters related to industrial development permits and gas removal from the province. There are two branches in the department, they are:

a. **Reservoir**

b. **Resource Allocation and Gas Processing:** Responsible for matters related to gas plant approvals, conservation of produced gas, forecasting of production and deliverability of Alberta gas and co-products, and permits for the removal of gas or the industrial use in Alberta of gas and other energy resources.

9. GEOLOGY

Responsible for all aspects of geological work, including the determination of pay and markers at wells, the identification and mapping of gas, crude oil, and crude bitumen occurences, the investigation of submissions dealing with such occurences, the determination of well intervals eligible for benefits under the exploratory drilling incentive system and the operation of the Core Storage Centre. There are three divisions in the department, they are:

a. **Regional Geology**

b. **The Core Research Centre**

c. **Reserves and Planning:** Coordinates and broadly directs the gas and crude oil reserve work.

10. HYDRO AND ELECTRIC DEPARTMENT

Ensures the efficient and economic development in the public interest of the electric utility industry in Alberta.

11. LEGAL DEPARTMENT

Provides legal advice, assistance, and counselling to the board.

12. OIL

Concerned with conservation, correlative rights and documentation of basic information respecting conventional crude oil reserves and production rates. There are three divisions in the department, they are:

a. **Engineering:** Responsible for estimating and establishing oil reserves and maximum rate limitations, appraisal of concurrent production schemes, enhanced recovery schemes, oil well drilling spacing units applications, and review of operational enhanced recovery schemes in conventional crude oil pools.

b. **Special Studies**

c. **Administration:** Responsible for administration of oil well allowables, maximum rate limitations, oil reserve records, concurrent production and oil well drilling spacing unit regulations, forecasts of oil productive capacity, surveillance of enhanced recovery and concurrent production schemes in conventional crude oil pools.

13. PIPELINES

Administers the observance of safe practices in the construction and operation of pipelines, and the environmental impact of pipeline construction and operation.

ALBERTA HAIL AND CROP INSURANCE CORPORATION

The purpose of the corporation is to provide farmers with hail insurance and "All-Risk" crop insurance and to establish programs aimed at meeting the needs of grain producers.

Information Number: (403) 782-4661

There are five offices in the corporation. They are as follows:

1. **COUNTRY OPERATIONS**

2. **RESEARCH**

   Responsible for setting and reviewing coverages and rates, soil classification, maintaining statistical records, and developing and implementing programs for additional crops.

3. **GENERAL MANAGER**

4. **MANAGER**

5. **COMPTROLLER**

In addition to these five offices, there are eight regional offices, they are as follows:

1. **Region 1 Southern (Lethbridge)** (403) 329-5240
2. **Region 2 Southwest (Calgary)** (403) 276-3740
3. **Region 3 (Didsbury)** (403) 335-3611
4. **Region 4 Central (Red Deer)** (403) 340-5379
5. **Region 5 Northeast (Vegreville)** (403) 632-4060
6. **Region 6 Northwest (Barrhead)** (403) 674-3392
7. **Region 7 Falher** (403) 837-2521
   Peace River (403) 835-2703

ALBERTA OIL SANDS TECHNOLOGY AND RESEARCH AUTHORITY

Established to provide the means whereby research into technological methods to obtain increased production from the oil sands, heavy oil and conventional petroleum reservoirs of Alberta may be assisted, promoted and encouraged.

Information Numbers: Edmonton office 427-7624; Calgary office 297-3380

There are five divisions in the authority. They are as follows:

1. **EXTRACTION AND UPGRADING PROGRAMS**

   Directs AOSTRA's mining extraction, and upgrading programs and is responsible for the transfer of technology from on-going programs.There are two branches in this division, they are:

   a. **Upgrading**

   b. **Mining and Extraction:** Provides expertise in the design and operation of AOSTRA's mining and extraction programs and obtains patents on technology arising from them.

2. **TECHNICAL PROGRAMS**

   Responsible for AOSTRA's university and institutional programs and for evaluation of applications. There are three branches in the division, they are:

   a. **Program Development**

   b. **Institutional Programs**

   c. **University Programs**

3. **TECHNOLOGY TRANSFER**

   Responsible for recommending and licensing technology packages from AOSTRA's completed laboratory and pilot programs, and for managing AOSTRA's international program. There are three branches of this division, they are:

   a. **Technology Transfer - Mining**

   b. **Extracting and Upgrading**

   c. **Technology Transfer - In Situ**

4. **IN SITU OPERATIONS**

   Directs AOSTRA's in situ recovery programs and is responsible for transfer of technology arising from these programs. There are three branches in the division, They are:

   a. **Thermal Projects:** Manages AOSTRA's thermal projects and obtains patents on technology arising from them.

   b. **Enhanced Recovery:** Manages AOSTRA's enhanced recovery projects in conventional petroleum reservoirs and obtains patents on technology from them.

   c. **Technical Development**

5. **FINANCE AND ADMINISTRATION**

   Responsible for AOSTRA's financial, administrative, and personnel functions, through the use and maintenance of proper accounting, reporting and auditing procedures.

ALBERTA PETROLEUM MARKETING COMMISSION

The commission was created to accept delivery of and sell in Alberta the Crown's royalty share of petroleum and to act as an exclusive agent to sell the lessee's share of petroleum from Crown leases. The commission is also responsible for setting the the price for natural gas and crude oil as well as determining volume of crude oil sales.

Information Number: 262-8808 (Switchboard)

There are four divisions in the commission. They are as follows:

1. **PETROLEUM**

   Administers all operating functions of the commission pertaining to the delivery and sale of petroleum produced from Alberta Crown leases as well as any other petroleum which is purchased by the commission including synthetic crude oil. Also ensures that all relevant actions of the commission are in accordance with the Petroleum Marketing Act. There are three branches in the division, they are:

   a. **Petroleum Marketing:** Assesses buyer requirements for Alberta petroleum coordinates pipeline movements and commission sales of Alberta petroleum, determines petroleum stream selling prices, administers petroleum buy/sell transactions, arranges purchases and sales of freehold oil and maintains industry liaison.on buyer requirements.

   b. **Petroleum Operations:** Monitors grade and quality of Alberta petroleum productions, develops, and maintains the commission's price bulletin for Crown petroleum, coordinates industry petroleum transportation allowance requests, and coordinates pipeline movements and commission sales of synthetic crude oil.

   c. **Petroleum Supply:** Determines Crown lease petroleum deliveries from all producing batteries and single wells, develops and maintains pricing control file to verify the value of the sale of the lessee's as well as the Crown's royalty share of petroleum, maintains the Crown royalty verification systems, maintains the operator's manual, and maintains industry liaison to resolve operator reporting problems.

2. **NATURAL GAS**

   Administers commission policy for all operating functions of the commission pertaining to natural gas pricing, determination of sales volumes, and claims against the fund established by the Natural Gas Pricing Agreement Act, and is responsible for implementation of commission policy respecting the determination of Alberta cost of service for natural gas purchases as required by the Natural Gas Pricing Agreement. There are three branches in the division, they are:

   a. **Cost of Service**

   b. **Regulatory Analysis**

   c. **Natural Gas Sales and Claims:** Ensures a validity of claims against the fund, and monitors natural gas prices and sales volume.

3. **FINANCE**

   Assures the commission of the integrity and accuracy of all financial transaction, accounting records and reports. Responsible for banking and credit arrangement. Directs purchasing and payroll functions. There is one branch in the division:

   a. **Accounting**

4. **ENGINEERING AND PLANNING**

   Conducts engineering, economic and technical studies as assigned by the commission or as initiated, analyzes energy supplies, energy transportation systems, crude oil and natural gas markets and submits operational policy recommendations to the commission. There are three branches in this division, they are:

a. **Technical Services**

b. **Market Analysis and Planning, Petroleum:** Analyzes markets for petroleum, prepares economic evaluations, and studies related to the supply and marketing of petroleum, and other energy resources as assigned, prepares studies and evaluations related to the pricing of energy resources.

c. **Market Analysis and Planning, Natural Gas:** Analyzes markets for natural gas, prepares economic evaluations, and studies related to the supply and marketing of natural gas, and other energy resources as assigned, prepares studies and evaluations related to the pricing of energy resources.

ALBERTA RESEARCH COUNCIL

The Research Council conducts research for the Alberta government on a large number of topics ranging from biology to oil sands or from chemistry to soils. **Information Number:** 438-1666

There are twenty departments in the Council. They are as follows:

1. COAL RESEARCH

Directs research on a broad range of topics related to properties, processing and utilization of coal, particularly liquification, gasification and combustion of coal, together with supporting studies to complement these topics.

2. OIL SANDS RESEARCH

Coordinates the Research Council projects that have been funded by AOSTRA and other agencies, and provides assistance on request on evaluation and monitoring of other oil sands projects for government or the private sector.

3. CHEMISTRY

Performs research in catalysis related to oil and gas utilization, sulfur recovery from natural gas, membrane processes for gas seperation, various general areas of physical chemistry, and various spectroscopic analytical services.

4. BIOLOGY

5. COMPUTING

6. PROGRAM DEVELOPMENT

7. INDUSTRIAL DEVELOPMENT

Operates the Solar and Wind Energy Research Program which in addition to its other responsibilities operates a solar and wind energy information center.

8. CIVIL ENGINEERING

Organizes and directs an applied research program in cooperation with other government departments into a number of subjects including soils and road materials and surface water research involving river engineering and fluvial processes, surface water hydrology, erosion, ice engineering, and application of fluid mechanics principles to natural streams.

9. NEW TECHNOLOGIES

In addition to its other activities involving high technology this department runs a system of solar and wind energy monitoring stations as part of the Solar and Wind Energy Research Program.

10. CHEMICALS AND MATERIALS ENGINEERING

11. ATMOSPHERIC SCIENCES

Directs programs in research and experimentation to determine the processes that lead to the formation of hail storms and programs intended to give an understanding of the possibilities for modification of hail storms to reduce crop damage, including studies of rain enhancement, snow augmentation and continued investigation in respect of hail suppression technology.

12. GEOLOGICAL SURVEY

Directs programs on evaluation of possible uses of fossil fuels and other mineral resources, on the geology of oil sands deposits, and on environmental geology studies.

13. GROUNDWATER

Directs programs concerned with evaluation and mapping of the province's groundwater resources, solution of water problems, groundwater flow systems, and basic research on behavior of water in the ground.

14. SOILS

Runs programs of soil surveys in forested and agricultural areas of Alberta, on evaluation of soil capabilities for plant growth, and for urban and recreational development.

15. EDITING AND PUBLICATION SALES

Editing and production of research and scientific reports, brochures and public relations, and operates the Publication Sales Office.

16. DRAFTING

17. FINANCIAL SERVICES

18. ADMINISTRATIVE SERVICES

19. HUMAN RESOURCES

20. LIBRARY SERVICES

ALBERTA GOVERNMENT LIBRARIES CONTAINING NATURAL RESOURCES INFORMATION

The following Alberta government libraries are presented under four headings: Edmonton, Calgary, Other Alberta, and Film and Photo libraries. This conforms to the **Directory of Alberta Government Libraries** 25th Revised Edition, December 1984, prepared by the Alberta Legislature Library.[1]

EDMONTON LIBRARIES

Agriculture Library
Main Fl., J.G. O'Donohue Bldg.
7000-113th Street
Edmonton, Alberta
T6H 5T6 (403) 427-2104

Culture Library
11th Fl., CN Tower
10004-104th Avenue
Edmonton, Alberta
T5J 0K5 (403) 427-2571

Economic Development Library
8th Fl., Sterling Place
9940-106th Street
Edmonton, Alberta
T5K 2P6 (403) 427-4957

Education Library Services
4th Fl., Devonian Bldg., West Tower
11160 Jasper Avenue
Edmonton, Alberta
T5K 0L2 (403) 427-2985

Education
Edmonton Regional Office
Resource Centre
8th Fl.,Harley Court
10045-111th Street
Edmonton, Alberta
T5K 2M5 (403) 427-2952

Education
Northern Materials Resource Centre
1st Fl., Edwards Professional Bldg.
10053-111th Street
Edmonton, Alberta
T5K 2H8 (403) 427-4681

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

Alberta Environment Library
14th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5870

Library
Environment Council of Alberta
8th Fl., Weber Centre
5555-Calgary Trail South
Edmonton, Alberta
T6H 5P9 (403) 427-5811

Library
Federal and Intergovernmental Affairs
14th Fl., 7th Street Plaza, South Tower
10030-107th Street
Edmonton, Alberta
T5J 3E4 (403) 427-2614

Historical Resources
Historical Sites Library
Alberta Culture
Old St. Stephen's College
8820-112th Street
Edmonton, Alberta
T6G 2P8 (403) 427-2023

Housing Library
3rd Fl., 112 Professional Centre
10050-112th Street
Edmonton, Alberta
T5K 2J1 (403) 427-8144

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[1] This Directory is available from the Cooperative government Library Services Section, Alberta Legislature Library, 802 Legislature Annex, 9918-107th Street, Edmonton, Alberta T5K 2C8 (403) 423-3837.

Legislature Library
216 Legislature Bldg.
Edmonton, Alberta
T5K 2B6 (403) 427-2473

Municipal Affairs Library
9th Fl., Jarvis Bldg.
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-4829
or (403) 427-4850

Ombudsman Library
1630 Phipps-McKinnon Bldg.
10020-101stA Avenue
Edmonton, Alberta
T5J 3G2 (403) 427-2756

Provincial Museum of Alberta
Natural History Section, Library
Alberta Culture
12845-102nd Avenue
Edmonton, Alberta
T5N 0M6 (403) 427-1750

Bibliography Section Library
Public Affairs Bureau
11510-Kingsway Avenue
Edmonton, Alberta
T5G 2Y5 (403) 427-4387

Public Works Library
17th Fl., College Plaza, Tower 3
8215-112th Street
Edmonton, Alberta
T6G 5A9 (403) 427-3819

Departmental Library
Public Works Supply and Services
Main Fl., PWSS Bldg.
6950-113th Street
Edmonton, Alberta
T6H 5V7 (403) 427-2353

Library
Alberta Recreation and Parks
7th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-7638

Alberta Research Council
Library Services - Main
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666
ext. 252

Library
Social Services and Community Health
6th Fl., 7th Street Plaza, South Tower
10030-107th Street
Edmonton, Alberta
T5J 3E4 (403) 427-6412

Solicitor General Library
5th Fl., Melton Bldg.
10310-Jasper Avenue
Edmonton, Alberta
T5J 2W4 (403) 427-3421

Library
Tourism and Small Business
Capitol Square Bldg.
15th Fl., 10065-Jasper Avenue
Edmonton, Alberta
T5J 0H4 (403) 427-3299

Transportation Library
Main Fl., Atria Bldg.
4999-98th Avenue
Edmonton, Alberta
T6B 2X3 (403) 427-8802
or (403) 427-8803

Treasury Library
404 Terrace Bldg.
9515-107th Street
Edmonton, Alberta
T5K 2C3 (403) 427-7595

Treasury Bureau of Statistics
Sir Frederick W. Haultain Bldg.
7th Fl., 9811-109th Street
Edmonton, Alberta
T5K 0C8 (403) 427-3058 ext. 24

Utilities and Telephone Library
5th Fl., Westcor Bldg.
12323-Stony Plain Road
Edmonton, Alberta
T5N 3Y9 (403) 427-0039

CALGARY LIBRARIES

Access Alberta
Media Resource Centre
Alberta Education
295-Midpark Way S.E.
Calgary, Alberta
T2X 2A8 (403) 256-1100

Agriculture Branch Library
Horse Industry Branch
205 Agri-Mart Bldg.
2003-McKnight Boulevard, N.E.
Calgary, Alberta
T2E 6L2 (403) 276-7775
161-7775 (RITE)

Library
Energy Resources Conservation Board
640-5th Avenue S.W.
Calgary, Alberta
T2P 3G4 (403) 297-7308

Library
Petroleum Marketing Commission
1900, 250-6th Avenue, S.W.
Calgary, Alberta
T2P 3H7 (403) 297-5500

OTHER ALBERTA LIBRARIES

Airdrie

Agriculture Branch Library
Airdrie Regional Office
Regional Agricultural Centre
Bag Service #1
Airdrie, Alberta
T0M 0B0 (403) 948-5101
161-0111(RITE)

Barrhead

Agriculture Branch Library
Barrhead Regional Office
Box 1540
Barrhead, Alberta
T0G 0E0 (403) 674-3351
134-1011(RITE)

Brooks

Agriculture Branch Library
Horticultural Research Centre
Bag Service #200
Brooks, Alberta
T0J 0J0 (403) 362-3391
166-1133(RITE)

Drumheller

Historical Resources Library
Tyrell Museum of Palaeontology
Alberta Culture
Box 7500
Drumheller, Alberta
T0J 0Y0 (403) 823-7707
164-1171(RITE)

Fairview

Agriculture Branch Library
Fairview, Regional Office
Box 7777
Fairview, Alberta
T0H 1L0 (403) 835-2291

Agriculture Branch Library
Fairview Veterinary Labs
Box 197
Fairview, Alberta
T0H 1L0 (403) 835-2238
120-1011(RITE)

Lacombe

Agriculture Branch Library
Field Crops Branch
Agriculture Bldg.
5718-56th Avenue
Bag Service #47
Lacombe, Alberta
T0C 1S0 (403) 782-4641

Lethbridge

Director's Office
Agriculture Branch Library
Irrigation and Conservation Division
Agriculture Centre
Lethbridge, Alberta
T1J 4C7 (403) 329-5146
181-5146(RITE)

Agriculture Branch Library
Lethbridge Regional Office
Agriculture Centre
Lethbridge, Alberta
T1J 4C7 (403) 329-5133
181-5133(RITE)

Olds

Agriculture Branch Library
Farm Business Management Branch
Provincial Bldg.
5030-50th Street
Box 2000
Olds, Alberta
T0M 1P0 (403) 556-8421
154-1240(RITE)

Red Deer

Agriculture Branch Library
Red Deer Regional Office
3rd Fl., Provincial Bldg.
4920-51st Street
Red Deer, Alberta
T4N 6K8 (403) 343-5322
151-5322(RITE)

Vegreville

Library
Alberta Environmental Centre
Bag 4000
Vegreville, Alberta
T0B 4L0 (403) 632-6767

Vermilion

Agriculture Branch Library
Vermilion Regional Office
Box 330
Vermilion, Alberta
T0B 4M0 (403) 853-2811
141-1310(RITE)

Wetaskiwin

Agriculture Branch Library
Dairy Division
Provincial Bldg.
5201-50th Avenue
Wetaskiwin, Alberta
T9A 0S7 (403) 352-1223
144-1223(RITE)

FILM AND PHOTO LIBRARIES[2]

Library
Agriculture, Communications Division
7000-113th Street
Edmonton, Alberta
T6H 5T6 (403) 427-2127

Alberta Energy and Natural Resources
Map and Air Photo Library
2nd Fl., North Tower,
Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 1G6 (403) 427-7417

Provincial Film Library
Public Affairs Bureau
11510 Kingsway Avenue
Edmonton, Alberta
T5G 2Y5 (403) 427-4364

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[2] The Provincial film library contains an extensive photographic reference collection dealing with a wide range of topics ranging from natural history to culture.

ALBERTA TOPOGRAPHIC MAP DEALERS

The following distribution offices are, for the most part, private sector distribution outlets which have distributed topographic maps over the past few years as part of the federal distribution network.

Banff

Banff Book and Art Den
123 Banff Avenue
Box 1420
Banff, Alberta
T0L 0C0 (403) 762-3919

Superintendent
Banff National Park
P.O. Box 900
Banff, Alberta
T0L 0C0 (403) 762-3324

Monod Sports
Harmony Lane
Box 310
Banff, Alberta
T0L 0C0 (403) 762-4571

The Alpine Club of Canada
P.O. Box 1026
Banff, Alberta
T0L 0C0 (403) 762-4481

Calgary

Boy Scouts of Canada
Calgary Regional Council
2140 Brownsea Drive, N.W.
Box 3247
Calgary, Alberta
T2N 3G9 (403) 283-4993

The Hostel Shop
1414-Kensington Road, N.W.
Calgary, Alberta
T2N 3P9 (403) 283-8311

Carter Mapping Ltd.
840-6th Avenue, S.W.
Room 200, 2nd Fl.
Calgary, Alberta
T2P 3E5 (403) 264-1230

Edmonton

Western Remote Sensing Ltd.
Room 3, Hangar No.8
Municipal Airport
Edmonton, Alberta
T5G 2Z3 (403) 452 1267

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

The Map Store
North West Survey Ltd.
Deville Bldg.
17203-103rd Avenue
Edmonton, Alberta
T5S 1J4 (403) 483-8033

Bookstore
University of Alberta
New Students Union Bldg.
The University of Alberta
Edmonton, Alberta
T6G 2J7 (403) 432-4215

Jerry Bricker's Frontier
Fishing Lodge
P.O. Box 4550
Edmonton, Alberta
T6E 5G4 (430) 433-4914

Grande Prairie

Grande Prairie Hot Air
Balloon Events Association
P.O. Box 212
Grande Prairie, Alberta
T8V 3A4 (403) 532-6095

Jasper

Superintendent
Jasper National Park
Parks Canada
P.O. Box 10
Jasper, Alberta
T0E 1E0 (403) 852-6161

Lethbridge

Boy Scouts of Canada
Southern Alberta Region
217-12th Street A, South
Lethbridge, Alberta
T1J 2S9 (403) 327-4647

Medicine Hat

The Bookshop
417-3rd Street, S.E.
Medicine Hat, Alberta
T1A 0G9 (403) 527-7055

Pincher Creek

Jackson Brother's Hardware Ltd.
P.O Box #730
Pincher Creek, Alberta
T0K 1W0 (403) 627-5025

Outwest Sports Ltd.
988 Main Street
P.O. Box 2260
Pincher Creek, Alberta
T0K 1W0 (403) 627-5025

Waterton Park

Environment Canada - Parks
Waterton Lakes National Park
Waterton Park, Alberta
T0K 2M0 (403) 859-2262

Waterton Natural History Association
P.O. Box 145
Waterton Park, Alberta
T0K 2M0 (403) 859-2624
or (403) 859-2454

LAND REGISTRATION DISTRICTS

For land registration purposes, the province is divided into two areas, as indicated on the adjoining map.

The North Alberta Registration District Office is located at:

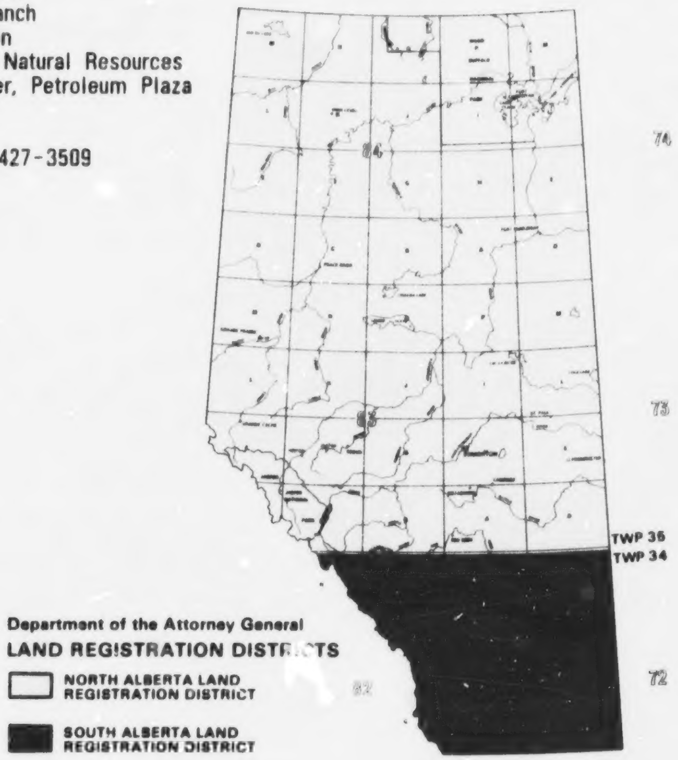
Land Titles Bldg.
10218-100th Street
Edmonton, Alberta
T5J 2T3 (403) 427-2742

The South Alberta Registration District Office is located at:

J.J. Bowlen Bldg.
620-7th Avenue, S.W.
Calgary, Alberta
T2P 0Y8 (403) 297-6517

Alberta Energy and Natural Resources personnel may obtain assistance in securing land titles office information from:

Documentation Section
Program Support Branch
Public Lands Division
Alberta Energy and Natural Resources
2nd Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-3509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Department of the Attorney General
LAND REGISTRATION DISTRICTS
☐ NORTH ALBERTA LAND REGISTRATION DISTRICT
■ SOUTH ALBERTA LAND REGISTRATION DISTRICT

MAP AND AIR PHOTO DISTRIBUTION CENTRE NETWORK

These satellite distribution points are usually operated from the local Public Lands subagency or Alberta Forest Service office, and the available map coverage usually consists of section sheets covering that particular district. Only the four Alberta Bureau of Surveying and Mapping (ABSM) distribution offices (two in Edmonton and one each in Calgary and Lethbridge) have complete provincial coverage.

The following is a list of addresses for the circles on the adjoining map.

ABSM DISTRIBUTION NETWORK

Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
804, J.J. Bowlen Bldg.
620-7th Avenue, S.W.
Calgary, Alberta
T2P 0Y8 (403) 297-7389

Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
Sun Center, 3rd Fl.
530-8th Street, South
Lethbridge, Alberta
T1J 2J8 (403) 329-5424

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

PUBLIC LANDS SUBAGENTS

Subagent of Public Lands
Alberta Energy and Natural Resources
Rm. 3001, Provincial Bldg.
10320-99th Street
Grande Prairie, Alberta
T8V 6J4 (403) 538-5260

Subagent of Public Lands
Alberta Energy and Natural Resources
Box 1959
St. Paul, Alberta
T0A 3A0 (403) 645-6336

Subagent of Public Lands
Alberta Energy and Natural Resources
Bag 900, Box 35
Provincial Bldg.
Peace River, Alberta
T0H 2X0 (403) 624-6116

District Supervisor
Alberta Energy and Natural Resources
Box 1660
Barrhead, Alberta
T0G 0E0 (403) 674-3351

District Supervisor
Alberta Energy and Natural Resources
Rm. 116, Chinook Place
623-4th Street, S.E.
Medicine Hat, Alberta
T1A 0L1 (403) 529-3677

FOREST SUPERINTENDENTS

Athabasca
Forest Superintendent
Alberta Forest Service
Alberta Energy and Natural Resources
168 Airport Road
Fort McMurray, Alberta
T9H 4P1 (403) 743-7120

Bow/Crow
Forest Superintendent
Alberta Forest Service
Alberta Energy and Natural Resources
Box 3310, Postal Station B
Calgary, Alberta
T2M 4L8 (403) 297-6261

Edson
Forest Superintendent
Alberta Forest Service
Alberta Energy and Natural Resources
Box 1420
Edson, Alberta
T0E 0P0 (403) 723-3391

Footner Lake
Forest Superintendent
Alberta Forest Service
Alberta Energy and Natural Resources
Bag 900
High Level, Alberta
T0H 1Z0 (403) 926-3761

Grande Prairie
Forest Superintendent
Alberta Forest Service
Alberta Energy and Natural Resources
10811-84th Avenue
Grande Prairie, Alberta
T8V 3J2 (403) 538-5390

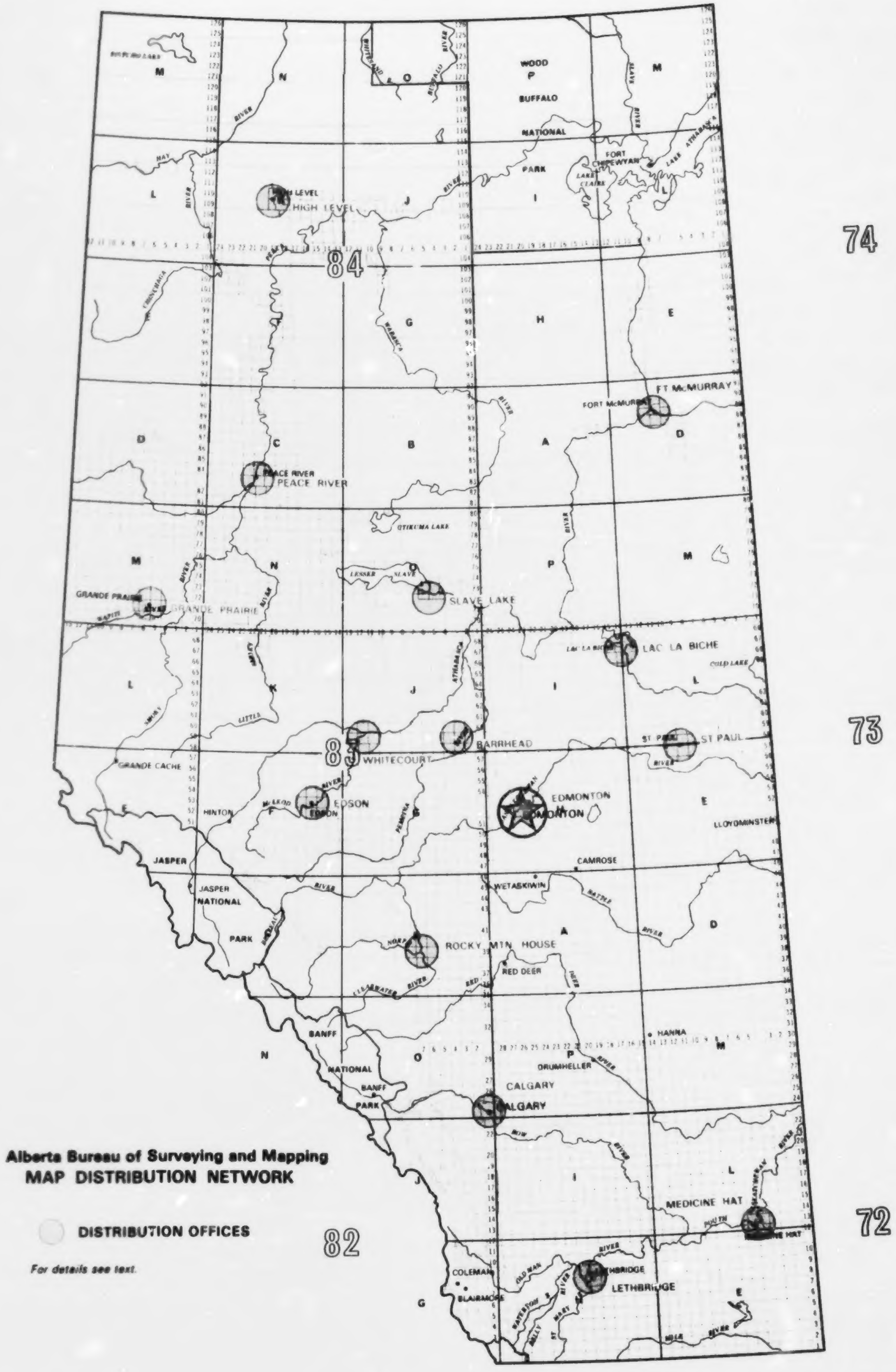
Lac La Biche
Forest Superintendent
Alberta Forest Service
Alberta Energy and Natural Resources
Provincial Bldg.
Box 450
Lac La Biche, Alberta
T0A 2C0 (403) 623-5240

Peace River
Forest Superintendent
Alberta Forest Service
Alberta Energy and Natural Resources
Bag 900, Box 39
Peace River, Alberta
T0H 2X0 (403) 624-6221

Rocky/Clearwater
Forest Superintendent
Alberta Forest Service
Alberta Energy and Natural Resources
Box 1720
Rocky Mountain House, Alberta
T0M 1T0 (403) 845-3003

Slave Lake
Forest Superintendent
Alberta Forest Service
Alberta Energy and Natural Resources
Box 390
Slave Lake, Alberta
T0G 2A0 (403) 849-3061

Whitecourt
Forest Superintendent
Alberta Forest Service
Alberta Energy and Natural Resources
Bag 30
Whitecourt, Alberta
T0E 2L0 (403) 778-2256



Alberta Bureau of Surveying and Mapping
MAP DISTRIBUTION NETWORK

○ **DISTRIBUTION OFFICES**

For details see text.

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WOOD BUFFALO NATIONAL PARK
FORT CHIPEWYAN
LAKE ATHABASCA
HIGH LEVEL
FT McMURRAY
FORT McMURRAY
PEACE RIVER
UTIKUMA LAKE
LESSER SLAVE
SLAVE LAKE
GRANDE PRAIRIE
LAC LA BICHE
COLD LAKE
WHITECOURT
BARRHEAD
ST PAUL
GRANDE CACHE
HINTON
EDSON
EDMONTON
LLOYDMINSTER
JASPER
JASPER NATIONAL PARK
CAMROSE
WETASKIWIN
ROCKY MTN HOUSE
RED DEER
BANFF
BANFF NATIONAL PARK
HANNA
DRUMHELLER
CALGARY
MEDICINE HAT
LETHBRIDGE
COLEMAN
BLAIRMORE

RESEARCH STATIONS, INSTITUTIONS AND INFORMATION CENTRES

This following addresses are for agencies involved in research pertaining to the natural resources of Alberta.

Agriculture Canada
Research Station
P.O. Box 29
Beaverlodge, Alberta
T0H 0C0 (403) 354-2212

Agriculture Canada
Research Station
P.O. Box #1420
Lacombe, Alberta
T0C 1S0 (403) 327-4561

Agriculture Canada
Research Station
Lethbridge, Alberta
T1J 4B1 (403) 327-4561

Information Centre
Alberta Energy and Natural Resources
1st Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-3590

Alberta Energy and Natural Resources
Alberta Forest Service
Forest Research Branch
Bag 6343
Spruce Grove, Alberta
T0E 2C0 (403) 962-8700

Library
Alberta Environmental Centre
Bag 4000
Vegreville, Alberta
T0B 4L0 (403) 632-6767

Alberta Horticultural Research Centre
Alberta Agriculture
Bag Service #200
Alberta Agriculture
Brooks, Alberta
T0J 0J0 (403) 362-3391

Alberta Institute of Pedology
c/o Dr. B. McGill
Rm.438, Earth Sciences Bldg.
University of Alberta
Edmonton, Alberta
T6G 2E3 (403) 432-3242

Alberta Oil Sands Environmental
Research Program (AOSERP)
Research Management Division
Alberta Environment
14th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-3946

Alberta Oil Sand Technology
and Research Authority
Alberta Energy and Natural Resources
500 Highfield Place
10010-106th Street
Edmonton, Alberta
T5J 3L8 (403) 427-7624

Alberta Remote Sensing Centre
Alberta Environment
11th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-2381

Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Alberta Research Council
Coal Technology Information Centre
Bag 1310
Devon, Alberta
T0C 1E0 (403) 987-8111

Alberta Research Council
Oil Sands Information Centre
6th Fl., Highfield Place
10010-106th Street
Edmonton, Alberta
T5J 3L8 (403) 427-8382

Alberta Research Council
Solar and Wind Energy Research
Information Centre (SWERP)
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Alberta Sulfur Research Ltd.
Dr. James B. Hyme
Chemistry Department
University of Calgary
2500 University Drive, N.W.
Calgary, Alberta
T2N 1N4 (403) 284-5372

Archaeological Survey of Alberta
Alberta Culture
Old St. Stephen's College
8820-112th Street
Edmonton, Alberta
T6G 2P8 (403) 427-2355

Arctic Institute of North America
University of Calgary
2500 University Drive, N.W.
Calgary, Alberta
T2N 1N4 (403) 284-7515

Boreal Institute of Northern Studies
CW 401, Biological Sciences Bldg.
University of Alberta
Edmonton, Alberta
T6G 2E9 (403) 432-4409

Brooks Wildlife Centre
Bag 1540
Brooks, Alberta
T0J 0J0

Canadian Plains Research Centre
University of Regina
Regina, Saskatchewan
S4S 0A2 (306) 584-4758 ext. 86

Coal Mining Research
Dr. K. Barron
University of Alberta
Edmonton, Alberta
(403) 432-3195

Computer Modelling Group
Anthony D Aul
3512-33rd Street, N.W.
Calgary, Alberta
T2L 2A6 (403) 282-9286

Earth and Planetary Physics Institute
516 Physics Bldg.
University of Alberta
Edmonton, Alberta
T6G 2J1 (403) 432-3521

Edmonton Research Station
(University Research Farm)
Bldg. F33, Parkland Farm
University of Alberta
Edmonton, Alberta

Fish and Wildlife Research
O.S. Longman Bldg.
6909-116th Street
Edmonton, Alberta
T6H 4P2 (403) 436-8240

Forest Resources Research
Department of Forest Science
Faculty of Agriculture and Forestry
817 General Services Bldg.
University of Alberta
Edmonton, Alberta
T6G 2H1 (403) 432-4413

Groundwater Resources Information
Services, Hydrology Branch
Earth Sciences Division
Alberta Environment
4th Fl., Energy Square
10109-106th Street
Edmonton, Alberta
T5J 1H3 (403) 427-4483
or (403) 427-4484

Institute of Sedimentary and
Petroleum Geology
Geological Survey of Canada
Energy Mines and Resources
3303-33rd Street, N.W.
Calgary, Alberta
T2L 2A7 (403) 284-0110

Institute for Transportation Studies
Dr. Everett Johnston
Faculty of Management
University of Calgary
2500 University Drive
Calgary, Alberta
T2N 1N4 (403) 284-7165
(403) 284-7165

International Microwave Power Institute
Mr. R.P. Halpern
551 Civil Engineering Bldg.
University of Alberta
Edmonton, Alberta
(403) 432-5147

Kananaskis Centre for
Environmental Research
General Delivery
Seebe, Alberta
T0L 1X0 (403) 284-5355

Kinsella Research Ranch
Box 120
Kinsella, Alberta
T0B 2N0

Northern Forest Research Centre
Canadian Forestry Service
5320-122nd Street
Edmonton, Alberta
T6H 3S5 (403) 435-7210

Nuclear Research Centre
Dr. G.C. Neilson
University of Alberta
Edmonton, Alberta
T6G 2N5 (403) 432-4170

Mineral Exploration Sample Storage
c/o Mr. John Wilson
Alberta Geological Survey
Alberta Research Council
3rd Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-0555

Contact for further information:

Mineral Exploration Sample Storage Facility
Alberta Geological Survey
Alberta Research Council
11547-160th Street
Edmonton, Alberta
T5m 3V9 (403) 451-0057

Petroleum Recovery Institute
Mr. Peter Benn
3512-33rd Street, N.W.
Calgary, Alberta
T2L 2A6 (403) 282-1231

Provincial Tree Nursery
R.R.6
Edmonton, Alberta
T5B 4K3

River Forecast Centre
Alberta Environment
Technical Services Division
10th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6278

Soil Science
Ellerslie Research Station
R.R.3, South Edmonton
T6H 4N7 (403) 988-5454

Historical Resources Library
Tyrell Museum of Palaeontology
Alberta Culture
Box 7500
Drumheller, Alberta
T0J 0Y0 (403) 823-7707
164-1171(RITE)

RESOURCE EVALUATION AND PLANNING DIVISION REGIONAL OFFICES

The following addresses, for the regional resource coordinators of the Resource Evaluation and Planning Division, are provided as a contact for individuals, both from government and the private sector, requiring information on current and ongoing regional resource inventory and planning projects.

Regional Resource Coordinator
North East Region
Alberta Energy and Natural Resources
Eldorado Bldg.
4914-51st Avenue
St. Paul, Alberta
T0A 3A0 (403) 645-6230
139-1239(RITE)

Regional Resource Coordinator
Central and Southern Region
Alberta Energy and Natural Resources
3rd. Fl., Sun Centre Bldg.
530-8th Street, South
Lethbridge, Alberta
T1J 2J8 (403) 329-5430
181-5430(RITE)

Regional Resource Coordinator
Eastern Slopes Region
Alberta Energy and Natural Resources
4919-49th Street
Courier Box #23
Rocky Mountain House, Alberta
T0M 1T0 (403) 845-8245
150-1177(RITE)

Regional Resource Coordinator
Peace River Region
Alberta Energy and Natural Resources
New Provincial Bldg.
9621-96th Avenue
Bag #900-31
Peace River, Alberta
T0H 2X0 (403) 624-6402
120-6402(RITE)

LEGISLATIVE STATUTES

LEGISLATIVE STATUTES

DETAILS : The legislative statutes that govern Alberta's land and natural resources are presented on the following pages. The administering Department, agency or individual, for each of the Acts, along with the pertinent Regulations, are also included. The Acts and Regulations listed are available from the Alberta Public Affairs Bureau, Publication Services. The addresses are listed below.

FILE SIZE : 106 Acts and 173 Regulations

PROJECT DURATION : N/A

FREQUENCY OF UPDATE : Varies with Act and Regulation.

SOURCE : Legislative Assembly of Alberta.

LOCATION : Copies of individual acts and regulations are available for a small fee from:

Publication Services
Public Affairs Bureau
11510 Kingsway Avenue
Edmonton, Alberta
T5G 2Y5 (403) 427-4952

or

Publication Services
Public Affairs Bureau
601, J.J. Bowlen Bldg.
620-7th Avenue, S.W.
Calgary, Alberta
T2P 0Y8 (403) 297-6251

Statutes and regulations governing the province of Alberta are available in most Alberta libraries.

1. AGRICULTURAL CHEMICALS ACT. Administered by Alberta Department of Environment. Chapter A-6-R.S.A., 1980. 15 pages. Amended by Chapter 1/84.

   REGULATIONS:

   a. Pesticide Applicator Licencing Application. Regulation 214/1980. 5 pages.

   b. Pesticide Sales, Use and Handling Regulation. Regulation 213/1980. 43 pages. Also include Regulation 312/81.

2. AGRICULTURAL DEVELOPMENT ACT. Administered by Alberta Department of Agriculture. Chapter A-7-R.S.A., 1980. 9 pages.

3. AGRICULTURAL PESTS ACT. Administered by Alberta Department of Agriculture. Chapter A-8-R.S.A., 1980. 11 pages.Amended by Chapter 65/83. New Act awaiting proclamation.

   REGULATIONS:

   a. Bacterial Ring Rot Control Regulations. Regulation 32/1980. 3 pages.

   b. Warble Fly Control Regulations. Regulation 78/1975. 4 pages. Also include Regulation 350/78.

4. AGRICULTURAL AND RECREATIONAL LAND OWNERSHIP ACT. Administered by Associate Minister of Public Lands and Wildlife. Alberta Energy and Natural Resources. Chapter A-9-R.S.A. 2 pages.

REGULATIONS:

a. Foreign Ownership of Land Regulation. Regulation 160/1979. 22 pages. Also include Regulation 31/80, amended by Regulation 236/82.

5. AGRICULTURAL RELIEF ADVANCES ACT. Administered by Alberta Department of Municipal Affairs. Chapter A-10-R.S.A., 1980. 12 pages.

6. AGRICULTURAL SERVICE BOARD ACT. Administered by Alberta Department of Agriculture. Chapter A-11-R.S.A., 1980. 13 pages. Amended by Chapter 41/81.

7. AGRICULTURAL SOCIETIES ACT. Administered by Alberta Department of Agriculture. Chapter A-12-R.S.A., 1980. 14 pages. Amended by Chapter 2 (Supp.) R.S.A., 1980.

8. AGRICULTURAL STATUTES AMENDMENT ACT. Administered by Alberta Department of Agriculture. Chapter 55-R.S.A., 1974.

9. AGROLOGIST ACT. Administered by Alberta Department of Agriculture. Chapter A-13-R.S.A., 1980. 11 pages.

REGULATIONS:

a. By-laws of the Alberta Institute of Agrologists. Regulation 376/1967. 11 pages. Also include Regulation 152/76, amended by Regulation 107/81.

10. ALBERTA AGRICULTURAL RESEARCH TRUST ACT. Administered by Alberta Department of Agriculture. Chapter A-14-R.S.A., 1980. 3 pages.

11. ALBERTA - BRITISH COLUMBIA BOUNDARY ACT. Administered by Alberta Department of the Attorney General. Charter 5, 1974.

12. ALBERTA ENERGY COMPANY ACT. Administered by Alberta Department of Treasury. Chapter A-19-R.S.A.,1980. 20 pages. Amended by Chapters 2/81 and 3/83.

13. ALBERTA ENVIRONMENTAL RESEARCH TRUST ACT. Administered by Alberta Department of the Environment. Chapter A-20-R.S.A., 1980. 3 pages. Amended by Chapter 67/81.

14. ALBERTA NATURAL RESOURCES ACT. Chapter 21, 1930. 9 pages. Amended by Chapters 5/31, 14/38, 72/41, 2/46, 3/51 and 57/62.

15. ALBERTA - NORTHWEST TERRITORIES BOUNDARY ACT. Chapter 1, 1957.

16. ALBERTA RESEARCH COUNCIL ACT. Administered by the Hon. Mr. Lougheed. Chapter A-35.1, 1981. 5 pages.

17. ALBERTA - SASKATCHEWAN BOUNDARY ACT. Administered by the Alberta Department of Energy and Natural Resources. Chapter 96, 1939.

18. BORDER AREAS ACT. Administered by Alberta Department of Municipal Affairs. Chapter B-9-R.S.A., 1980. 4 pages.

19. BOUNDARY SURVEYS ACT. Administered by Associate Minister of Public Land and Wildlife; Alberta Department of Energy and Natural Resources. Chapter B-10-R.S.A., 1980. 4 pages.

20. BRAZEAU RIVER DEVELOPMENT ACT. Administered by Alberta Department of the Environment. Chapter 10, 1960. 3 pages.

21. CLEAN AIR ACT. Administered by Alberta Department of the Environment. Chapter C-12-R.S.A., 1980. 18 pages. Amended by Chapter 77/83.

    REGULATIONS:

    a. Clean Air General Regulation. Regulation 216/1975. 5 pages. Also include Regulation 342/82.

    b. Clean Air Regulations. Regulation 33/1973. 6 pages.

    c. Maximum Levels Regulations. Regulation 218/1975. 12 pages. Also include Regulation 319/79, amended by Regulation 40/84.

    d. Stop Order Appeal Regulations. Regulation 9/1974. 2 pages.

22. CLEAN WATER ACT. Administered by Alberta Department of the Environment. Chapter C-13-R.S.A. 1980. 22 pages.

    REGULATIONS:

    a. Clean Water General Regulations. Regulation 35/1973. 6 pages. Also include Regulation 384/79 and 179/84.

    b. Industrial Plants Regulations. Regulation 36/1973. 6 pages.

    c. Municipal Plants. Regulation 37/1973. 12 pages. Also include Regulation 83/82.

    d. Stop Order Appeal Regulations. Regulation 9/1974. 2 pages.

23. COAL CONSERVATION ACT. Administered by Alberta Energy Resources Conservation Board and the Alberta Department of the Environment. Chapter C-14-R.S.A., 1980. 22 pages. Amended by Chapter 13/82.

24. COAL MINES SAFETY ACT. Administered by Alberta Energy Resources Conservation Board and the Alberta Department of the Environment. Chapter C-15-R.S.A., 1980. 23 pages.

    REGULATIONS:

    a. Coal Mines Safety Regulation. Regulation 333/1975. 141 pages. Also include Regulation 354/77.

25. COAL SALES ACT. Administered by Alberta Energy Resources Conservation Board. Chapter C-16-R.S.A., 1980. 2 pages.

26. COUNTY ACT. Administered by Alberta Department of Municipal Affairs. Chapter C-27 R.S.A., 1980. 16 pages.

27. CROWN CULTIVATION LEASES ACT. Administered by Associate Deputy Minister of Public Lands and Wildlife, Alberta Department of Energy and Natural Resources. Chapter C-37-R.S.A., 1980. 2 pages.

28. CROWSNEST PASS MUNICIPAL UNIFICATION ACT. Administered by Alberta Department of Municipal Affairs. Chapter C-39-R.S.A., 1980. 9 pages.

29. DEPARTMENT OF AGRICULTURE ACT. Administered by Alberta Department of Agriculture. Chapter D-12-R.S.A., 1980. 6 pages. Amended by Chapter 11/81.

30. DEPARTMENT OF THE ATTORNEY GENERAL ACT. Administered by the Alberta Department of the Attorney General and the Solicitor General. Chapter D-13-R.S.A., 1980. 8 pages.

31. DEPARTMENT OF CONSUMER AND CORPORATE AFFAIRS ACT. Administered by Alberta Department of Consumer and Corporate Affairs. Chapter D-14-R.S.A., 1980. 4 pages.

32. DEPARTMENT OF CULTURE ACT. Administered by the Alberta Department of Culture. Chapter D-15-R.S.A., 1980. 5 pages.

REGULATIONS:

a. Libraries Grants Regulation. Regulation 105/1984. 7 pages.

33. DEPARTMENT OF ECONOMIC DEVELOPMENT ACT. Administered by Alberta Department of Economic Development. Chapter D-16-R.S.A., 1980. 4 pages. Amended by Chapter 23/83.

REGULATIONS:

a. Economic Development Grant Regulations. Regulation 262/1979. 8 pages. Also include Regulation 66/83.

34. DEPARTMENT OF ENERGY AND NATURAL RESOURCES ACT. Administered by Alberta Department of Energy and Natural Resources and Associate Minister of Public Lands and Wildlife Chapter D-18-R.S.A., 1980. 3 pages. Amended by Chapter 24/83.

REGULATIONS:

a. Development Drilling Incentive Regulation. Regulation 365/1982. 6 pages.

b. Development Drilling Incentive Regulation, 1983. Regulation 179/1983. 10 pages

c. Exploratory Drilling Incentive Regulation, 1981. Regulation 212/1981. 16 pages. Also include Regulation 89/83.

d. Exploratory Drilling Incentive Regulation, 1983. Regulation 210/1983. 17 pages.

e. Geophysical Incentive Program Regulations. Regulation 35/1975. 12 pages. Also include Regulation 135/79, amended by 240/79 and 419/82.

f. Geophysical Incentive Program Regulations, 1978. Regulation 171/1978. 12 pages. Also include Regulation 280/79, amended by 420/82.

g. Geophysical Incentive Program Regulations, 1980. Regulation 148/1980. 9 pages. Also include Regulation 473/82, amended by Regulation 421/82.

h. Geophysical Incentive Regulations, 1981. Regulation 213/1981. 14 pages. Also include Regulation 90/83.

i. Geophysical Incentive Regulations, 1983. Regulation 209/1983. 10 pages. Also include Regulation 464/83.

j. Public Grazing Lands Range Improvement Regulation. Regulation 221/1980. 3 pages.

35. DEPARTMENT OF THE ENVIRONMENT ACT. Administered by Alberta Department of the Environment. Chapter D-19-R.S.A., 1980. 17 pages. Amended by Chapter 67/81.

REGULATIONS:

a. Stop Order Appeal Regulations. Regulation 9/1974. 2 pages.

36. DEPARTMENT OF FEDERAL AND INTERGOVERNMENTAL AFFAIRS. Administered by Alberta Department of Federal and Intergovernmental Affairs. Chapter D-20-R.S.A., 1980. 4 pages.

37. DEPARTMENT OF MUNICIPAL AFFAIRS ACT. Administered by Alberta Department of Municipal Affairs. Chapter D-25-R.S.A., 1980. 6 pages.

38. DEPARTMENT OF RECREATION AND PARKS ACT. Administered by Alberta Department of Recreation and Parks. Chapter D-26-R.S.A., 1980. 4 pages.

REGULATIONS:

a. Department of Recreation and Parks Grants Regulations. Regulation 235/1975. 16 pages. Also include Regulations 361/82 and 87/84.

b. Recreation Grant Regulation (Project Co-operation, 1977). Regulation 304/1976. 10 pages. Also include Regulation 363/82.

c. Recreation Grant Regulations (Major Facilities, 1977). Regulation 303/1976. 9 pages. Also include Regulation 362/82.

39. DEPARTMENT OF TOURISM AND SMALL BUSINESS ACT. Administered by the Alberta Department of Tourism and Small Business. Chapter D-29-R.S.A., 1980. 4 pages. Amended by Chapter 73/83.

REGULATIONS:

a. Alberta Heritage Fund Small Business and Farm Interest Shielding Grant Regulation. Regulation 435/1982. 5 pages. Also include Regulations 63/83 and 173/84.

40. DEPARTMENT OF TRANSPORTATION ACT. Administered by Alberta Department of Transportation. Chapter D-30-R.S.A.. 1980. 9 pages. Amended by Chapter 26/83.

41. DISASTER SERVICES ACT. Administered by the Hon. Marvin Moore. Chapter D-36-R.S.A., 1980. 10 pages.

42. DRAINAGE DISTRICTS ACT. Administered by Alberta Department of the Environment Chapter D-39-R.S.A., 1980. 67 pages.

REGULATIONS:

a. Forms Regulation. Regulation 471/1981. 14 pages.

43. ELECTRIC POWER AND PIPELINE ASSESSMENT ACT. Administered by Alberta Department of Municipal Affairs. Chapter E-5-R.S.A., 1980. 9 pages.

44. ENERGY RESOURCES CONSERVATION ACT. Administered by Alberta Energy Resources Conservation Board. Chapter E-11-R.S.A., 1980. 15 pages. Amended by Chapter 28/83.

45. ENVIRONMENT COUNCIL ACT. Administered by Alberta Department of the Environment. Chapter E-13-R.S.A., 1980. 6 pages.

46. ENVIRONMENT STATUTES AMENDMENT ACT, 1981. Administered by Alberta Department of the Environment. Chapter 67, 1981. 1 page.

47. ENVIRONMENT STATUTES AMENDMENT ACT, 1983. Administered by Alberta Department of the Environment. Chapter 77, 1983. 2 pages.

48. FISH MARKETING ACT. Administered by Associate Minister of Public Lands and Wildlife, Alberta Department of Energy and Natural Resources. Chapter F-12-R.S.A., 1980. 6 pages.

REGULATIONS:

a. Fish Marketing Regulations. Regulation 357/1971. 6 pages. Also include Regulation 63/74.

49. FOREST AND PRAIRIE PROTECTION ACT. Administered by Alberta Department of Energy and Natural Resources. Chapter F-14-R.S.A., 1980. 11 pages.

REGULATIONS:

a. Fire Control Zones Regulations. Regulation 413/1983. 10 pages.

b. Fire Protection Wage and Rental Regulation. Regulation 170/1984. 8 pages.

c. Forest and Prairie Protection Regulations (Part I). Regulation 135/1972. 9 pages. Also include Regulation 290/79.

d. Forest and Prairie Protection Regulations (Part II). Regulation 310/1972. 9 pages. Also include Regulation 297/79.

e. Forest Protection Area Regulation. Regulation 414/1983. 30 pages.

50. FOREST DEVELOPMENT RESEARCH TRUST FUND ACT. Administered by Alberta Department of Energy and Natural Resources. Chapter F-13-R.S.A., 1980. 3 pages.

51. FOREST RESERVES ACT. Administered by Alberta Department of Energy and Natural Resources. Chapter F-15-R.S.A., 1980. 3 pages.

REGULATIONS

a. Forest Reserves Regulation. Regulation 604/1965. 8 pages. Also includes Regulation 302/79.

52. FORESTS ACT. Administered by Alberta Department of Energy and Natural Resources. Chapter F-16-R.S.A., 1980. 18 pages.

REGULATIONS:

a. Exploration Regulations. Regulation 423/1978. 53 pages. Also include Regulations 302/81 and 109/84, amended by Regulation 40/82 and 418/82.

b. Forest Land Use and Management Regulations. Regulation 197/1976. 3 pages. Also include Regulation 291/79.

c. Forest Land Use Zone, Forest Recreation Area and Forest Recreation Trail Regulation. Regulation 343/1979. 24 pages.

d. Scaling Regulations. Regulation 336/1979. 4 pages.

e. Timber Management Regulations. Regulation 60/1973. 37 pages. Also include Regulation 181/82.

f. Timber Regulation. Regulation 268/1978. 25 pages.

53. FREEHOLD MINERAL RIGHTS TAX ACT. Administered by Alberta Department of Energy and Natural Resources. Chapter F-19.1-R.S.A., 1983. 10 pages.

REGULATIONS:

a. Exploratory Drilling Incentive Regulation, 1978. Regulation 27/1978. 16 pages. Also include Regulation 126/80, amended by Regulation 471/82.

b. Exploratory Drilling Incentive Regulation, 1981. Regulation 212/1981. 16 pages. Also include Regulation 89/83.

c. Exploratory Drilling Incentive Regulation, 1984. Regulation 137/1984. 19 pages.

d. Freehold Mineral Rights Tax Regulation. Regulation 12/1984. Amended by Regulation 108/84. 10 pages

e. Geophysical Incentives Program Regulations. Regulation 35/1975. 12 pages. Also include Regulation 135/79, amended by Regulation 240/79 and 419/82.

f. Geophysical Incentive Program Regulations, 1978. Regulation 171/1978. 12 pages. Also include Regulation 280/79, amended by Regulation 420/82.

g. Geophysical Incentive Program Regulations, 1980. Regulation 148/1980. 9 pages. Amended by Regulation 421/82.

h. Geophysical Incentive Program Regulations, 1981. Regulation 213/1981. 14 pages. Also include Regulation 90/83.

54. FUR FARMS ACT. Administered by Alberta Department of Agriculture. Chapter F-23-R.S.A., 1980. 4 pages. Amended by Chapter 20/84.

REGULATIONS:

a. General Fur Farms Regulations. Regulation 225/1960. 3 pages. Also include Regulation 71/82.

55. GAS RESOURCES PRESERVATION ACT. Administered by Alberta Energy Resources Conservation Board. Chapter G-3-R.S.A., 1980. 9 pages. Amended by Chapter 10 (Supp.) R.S.A., 1980.

REGULATIONS:

a. Propane (Removal of) Regulations. Regualtion 447/1978. 1 page.

56. GOVERNMENT LAND PURCHASES ACT. Administered by Alberta Department of Treasury. Chapter G-8-R.S.A., 1980. 5 pages. Amended by Chapters 68/81 and 21/84.

57. GROUND WATER DEVELOPMENT ACT. Administered by Alberta Department of the Environment. Chapter G-11.1-R.S.A., 1980. 8 pages.

REGULATIONS:

a. Form Regulation. Regulation 370/1981. 7 pages.

b. Ground Water Development General Regulation. Regulation 368/1981. 3 pages.

c. Water Well Drilling and Construction Regulation. Regulation 369/1981. 4 pages.

58. HAIL AND CROP INSURANCE ACT. Administered by Alberta Department of Agriculture. Chapter H-1-R.S.A., 1980. 23 pages. Amended by Chapter 19/82 and 31/83.

59. HISTORICAL RESOURCES ACT. Administered by Alberta Culture. Chapter H-8-R.S.A., 1980. 25 pages.

REGULATIONS:

a. Archaeological Research Permit Regulation. Regulation 124/1979. 16 pages. Also include Regulation 88/82.

b. Historical Resources Grants Regulations. Regulation 65/1983. 11 pages.

60. HOMESTEAD LEASE LOAN ACT. Administered by Associate Minister of Public Lands and Wildlife Chapter H-9-R.S.A., 1980. 3 pages.

61. HYDRO AND ELECTRIC ENERGY ACT. Administered by Alberta Energy Resources Conservation Board. Chapter H-13-R.S.A., 1980. 24 pages.

62. IMPROVEMENT DISTRICTS ACT. Administered by Alberta Department of Municipal Affairs Chapter I-1-R.S.A., 1980. 17 pages.

63. IRRIGATION ACT. Administered by Alberta Department of Agriculture. Chapter I-11-R.S.A., 1980. 95 pages.

REGULATIONS:

a. Irrigation Seepage Claims Exemption Regulations, 1973. Regulation 207/1973. 2 pages. Also include Regulations 173/79 and 50/84.

64. IRRIGATION LAND MANAGER ACT. Administered by the Alberta Department of Agriculture. Chapter I-12-R.S.A., 1980. 5 pages.

65. LAND AGENTS LICENCING ACT. Administered by Associate Minister of Public Lands and Wildlife, Alberta Department of Energy and Natural Resources. Chapter L-2-R.S.A., 1980. 9 pages. Amended by Chapter 52/81.

REGULATIONS:

a. Land Agents Licensing Regulation. Regulation 224/1982. 6 pages.

66. LAND SURFACE CONSERVATION AND RECLAMATION ACT. Administered by Alberta Department of the Environment, the Associate Minister of Public Lands and Wildlife and the Alberta Department of Energy and Natural Resources. Chapter L-3-R.S.A., 1980. 84 pages. Amended by Chapters 23/82, 46/83 and 35/83.

REGULATIONS:

a. Council's Administrative Jurisdiction Regulation. Regulation 221/1982. 2 pages.

b. Inquiry Procedure Regulation. Regulation 122/1980. Also include Regulation 223/82.

c. Land Conservation Regulations. Regulation 125/1974. 27 pages. Also include Regulation 113/77.

d. Part 3 Administrative Transfer Regulation. Regulation 222/1982. 2 pages.

e. Regulated Coal Surface Operation Regulations. Regulation 170/1974. 13 pages. Also include Regulation 113/77.

f. Regulated Lake Shoreland Development Operation Regulations. Regulation 233/1977. 8 pages. Also include Regulation 84/83.

g. Regulated Oil and Gas Pipeline Surface Operations Regulations. Regulation 207/1976. 6 pages. Also include Regulation 161/79.

h. Regulated Oil Sands Surface Operation Regulations. Regulation 159/1976. 9 pages. Also include Regulation 439/78.

i. Sand, Gravel, Clay and Marl Surface Operations Regulation. Regulation 228/1982. 4 pages.

j. Security Deposit Ministerial Regulations. Regulation 172/1977. 3 pages. Also include Regulation 242/82.

k. Stop Order Appeal Regulations. Regulation 9/1974. 2 pages.

67. LAND SURVEYORS ACT. Administered by Associate Minister of Public Lands and Wildlife, Alberta Department of Energy and Natural Resources. Chapter L-4.1-R.S.A., 1980. 31 pages.

REGULATIONS:

a. Regulations Pursuant to the Land Surveyors Act. Regulation various/1982. 18 pages. Amended by Regulation 62/84.

68. LAND TITLES ACT. Administered by Alberta Department of the Attorney General. Chapter L-5-R.S.A., 1980. 80 pages. Amended by Chapters 23/82 and 46/83.

REGULATIONS:

a. Forms Regulation. Regulation 480/1981. 21 pages. Also include Regulation 538/82.

b. Tariff of Fees Regulation. Regulation 360/1978. 6 pages. Also include Regulation 156/84.

69. LITTER ACT. Administered by Alberta Department of the Environment. Chapter L-19-R.S.A., 1980. 8 pages.

REGULATIONS:

a. Litter Control Regulations. Regulation 88/1973. 4 pages.

70. MINERAL TITLES REDEMPTION ACT. Administered by Alberta Department of Energy and Natural Resources, Chapter 44, 1958. 4 pages. Amended by Chapter 67, 1960.

71. MINES AND MINERALS ACT. Administered by Alberta Department of Energy and Natural Resources. Chapter M-15-R.S.A.. 1980. 67 pages. Amended by Chapter 24/81, 55/81, 36/83, and 27/84.

REGULATIONS.

a. Coal Royalty Regulations. Regulation 193/1976. 7 pages. Also include Regulations 41/83 and 393/83.

b. Crown Petroleum Production (May, 1981) Regulation. Regulation 164/1981. 14 pages.

c. Crown Petroleum Production June, 1981 Regulation. Regulation 194/1981. 15 pages. Also include Regulation 198/81.

d. Development Drilling Incentive Regulation. Regulation 365/1982. 6 pages.

e. Development Drilling Incentive Regulation, 1983. Regulation 179/1983. 10 pages.

f. Exploration Regulations. Regulation 423/1978. 53 pages. Also include Regulations 302/81 and 109/84, amended by Regulation 40/82 and 418/82.

g. Exploratory Drilling Incentive Regulations. Regulation 378/1972. 5 pages. Also include Regulation 255/79.

h. Exploratory Drilling Incentive Regulations, 1974. Regulation 18/1974. 16 pages. Also include Regulation125/80.

i. Exploratory Drilling Incentive Regulations, 1978. Regulation 27/1978. 13 pages. Also include Regulation 126/80 and 471/82.

j. Exploratory Drilling Incentive Regulation, 1981. Regulation 212/1981. 16 pages. Also include Regulation 89/83.

k. Exploratory Drilling Incentive Regulation, 1983. Regulation 210/1983. 17 pages.

l. Exploratory Drilling Incentive Regulation, 1984. Regulation 137/1984. 19 pages

m. General Regulation. Regulation 163/1984. 5 pages.

n. Geophysical Incentive Program Regulations. Regulation 35/1975. 9 pages. Also include Regulation 135/79 and 419/82, amended by Regulation 240/79.

o. Geophysical Incentive Program Regulations, 1978. Regulation 171/1978. 10 pages. Also include Regulation 280/79 and 420/82.

p. Geophysical Incentive Program Regulations, 1980. Regulation 148/1980. 13 pages. Also include Regulation 473/82.

q. Geophysical Incentive Program Regulations, 1981. Regulation 213/1981. 14 pages. Also include Regulation 90/83.

r. Geophysical Incentive Regulations, 1983. Regulation 209/1983. 9 pages. Also include Regulation 464/83.

s. Geophysical Incentive Regulations, 1984. Regulation 138/1984. 9 pages.

t. Mineral Rights Compensation Regulations. Regulation 161/1978. 4 pages. Also include Regulation 281/78 and 425/82.

u. Natural Gas Royalty Regulations. Regulation 16/1974. 10 pages. Also include Regulations 322/82 and 164/84, amended by Regulation 461/82.

v. Oil Royalty Exemption Program Regulation. Regulation 139/1984. 5 pages.

w. Oil Sands Regulation, 1978. Regulation 317/1978. 8 pages. Also include Regulation 246/79.

x. Petroleum and Natural Gas Lease Regulations. Regulation 168/1976. 10 pages. Also include Regulation 427/82.

y. Petroleum and Natural Gas License Regulations. Regulation 169/1976. 6 pages. Also include Regulation 248/79.

z. Petroleum Royalty Regulations. Regulation 93/1974. 12 pages. Also include Regulation 320/82 and 167/84, amended by Regulation 462/82.

aa. Placer Mining Regulation. Regulation 41/1981. 4 pages

ab. Quartz Mining Regulations. Regulation 377/1967. 15 pages. Also include Regulation 429/82.

ac. Refundable Work Deposit (Coal) Regulation. Regulation 384/1982. 3 pages.

72. MUNICIPAL AND PROVINCIAL PROPERTIES VALUATION ACT. Administered by Alberta Department of Municipal Affairs. Chapter M-28-R.S.A. 1980. 4 pages.

73. NATURAL GAS PRICE ADMINISTRATION ACT. Administered by Alberta Department of Energy and Natural Resources. Chapter N-3-R.S.A., 1980. 14 pages.

74. NATURAL GAS PRICING AGREEMENT ACT. Administered by Alberta Department of Energy and Natural Resources. Chapter N-4-R.S.A., 1980. 14 pages. Amended by Chapters 57/81 and 90/83.

REGULATIONS:

a. Natural Gas Pricing Agreement Regulations. Regulation 127/1977. 7 pages. Also include Regulation 310/82, amended by Regulation 431/82.

75. NEW TOWNS ACT. Administered by Alberta Department of Municipal Affairs. Chapter N-7-R.S.A., 1980. 7 pages.

76. NORTHEAST ALBERTA REGIONAL COMMISSION ACT. Administered by Alberta Department of Municipal Affairs. Chapter N-8-R.S.A., 1980. 4 pages.

77. NORTHERN ALBERTA DEVELOPMENT COUNCIL ACT. Administered by Alberta Department of Tourism and Small Business. Chapter N-9-R.S.A. 1980. 2 pages.

78. NOVA, AN ALBERTA CORPORATION ACT. Administered by the Alberta Department of Energy and Natural Resources. Chapter N-12-R.S.A., 1980. 17 pages.

79. OIL AND GAS CONSERVATION ACT. Administered by Alberta Energy Resources Conservation Board. Chapter O-5-R.S.A., 1980. 55 pages.

REGULATIONS:

a. Oil and Gas Conservation Regulations. Regulation 151/1971. 52 pages. Also include Regulation 337/82 and 112/84. amended by Regulation 433/82 and 460/82.

80. OIL SANDS CONSERVATION ACT. Administered by the Alberta Energy Resources Conservation Board. Chapter 0-5.5, 1983. 22 pages.

81. OIL SANDS TECHNOLOGY AND RESEARCH AUTHORITY ACT. Administered by Alberta Department of Energy and Natural Resources. Chapter O-6-R.S.A., 1980. 12 pages. Amended by Chapter 30/84.

82. PETROELUM INCENTIVES PROGRAM ACT. Administered by the Alberta Department of Energy and Natural Resources. Chapter P-4.1, 1981. 9 pages.

REGULATIONS:

a. Petroleum Incentives Program Regulation. Regulation 220/1982. 47 pages. Amended by Regulations 367/82, 470/82, and 140/84. Also include Regulation 465/83.

83. PETROLEUM MARKETING ACT. Administered by Alberta Department of Energy and Natural Resources. Chapter P-5-R.S.A., 1980. 13 pages. Amended by Chapters 17 (Supp.) R.S.A., 1980 and 40/83.

84. PIPELINE ACT. Administered by Alberta Energy Resources Conservation Board. Chapter P-8-R.S.A., 1980. 22 pages. Amended by Chapter 30/81 and 32/84.

85. PLANNING ACT. Administered by Alberta Department of Municipal Affairs. Chapter P-9-R.S.A., 1980. 79 pages. Amended by Chapters 29/82, 41/83, and 33/84.

REGULATIONS:

a. Calgary International Airport Vicinity Protection Area General Regulations. Regulation 318/1979. 13 pages. Amended by Regulation 344/83.

b. Edmonton International Airport Vicinity Protection Area Regulation. Regulation 63/1981. 15 pages. Also include Regulation 35/83.

c. Subdivision Regulations. Regulation 132/1978. 27 pages. Also include Regulation 198/79.

86. PROVINCIAL PARKS ACT. Administered by Alberta Department of Recreation and Parks. Chapter P-22-R.S.A., 1980. 9 pages. Amended by Chapter 44/83.

REGULATIONS:

a. Disposition Regulations. Regulation 241/1977. 17 pages. Also include Regulation 66/82 and 290/83.

b. General Regulations. Regulation 305/1964. 10 pages. Also include Regulation 46/83.

87. PUBLIC HIGHWAYS DEVELOPMENT ACT. Administered by Alberta Department of Transportation. Chapter P-28-R.S.A., 1980. 26 pages.

REGULATIONS:

a. Closing and Leasing of Highways Regulations. Regulation 349/1969. 3 pages.

b. Exploration Regulations. Regulation 423/1978. 53 pages. Also include Regulation 302/81 and 109/84, amended by Regulation 40/82 and 418/82.

c. Highway Development Control Regulations. Regulation 163/1970. 5 pages. Also include Regulation 352/79.

d. Secondary Roads Designation Order Regulation. Regulation 10/1979. 52 pages. Also include Regulation 310/80. Amended by Regulation 312/84.

88. PUBLIC LANDS ACT. Administered by Associate Minister of Public Lands and Wildlife, Alberta Department of Energy and Natural Resources. Chapter P-30-R.S.A., 1980. 54 pages. Amended by Chapter 34/84.

REGULATIONS:

a. Commercial Trail Riding Regulations. Regulation 292/179. 3 pages

b. Exploration Regulations. Regulation 423/1978. 53 pages. Also include Regulation 302/81 and 109/84, amended by Regulation 40/82 and 418/82.

c. Farm Development, Consolidation and Enlargement Regulations. Regulation 57/1973. 5 pages. Also include Regulation 27/74.

d. Forest Grazing License Regulations. Regulation 309/1971. 5 pages. Also include Regulation 328/78.

e. Grazing Permit Regulations. Regulation 64/1970. 4 pages. Also include Regulation 158/70.

f. Head Tax Grazing Permit Regulations. Regulation 121/1963. 6 pages.

g. Interest Regulation. Regulation 312/1982. 1 page. Also include Regulation 136/84, amended by Regulation 183/84.

h. License of Occupation Regulation, 1981. Regulation 448/1981. 7 pages. Also include Regulation 41/82.

i. Mineral Surface Lease Regulations. Regulation 228/1958. 16 pages. Also include Regulation 582/65.

j. Public Grazing Lands Range Improvement Regulation. Regulation 221/1980. 3 pages.

k. Public Lands Grazing Lease Regulations Established. Regulation 432/1966. 4 pages.

l. Public Lands Miscellaneous Lease Regulations. Regulation 376/1961. 2 pages. Also include Regulation 292/72.

m. Public Lands Pipe Line Regulations. Regulation 246/1958. 26 pages. Also include Regulation 251/64.

n. Regulations Governing the Issue of Miscellaneous Permits on Public Lands. Regulation 269/1957. 3 pages. Also include Regulation 78/61.

o. Regulations Governing the Issue of Recreational Leases on Public Lands. Regulation 548/1957. 2 pages.

p. Special Areas Cultivation Leases Regulation. Regulation 327/1966. 5 pages. Also include Regulation 394/81.

q. Special Areas Grazing Lease Regulations. Regulation 96/1968. 6 pages. Also include Regulation 395/81.

r. Special Areas Grazing Permit Regulations. Regulation 330/1966. 3 pages. Also include Regulation 396/81.

s. Special Areas Hay Permit Regulations. Regulation 331/1966. 3 pages. Also include Regulation 397/81.

t. Special Areas Service Fees Regulation. Regulation 272/1975. 4 pages. Also include Regulation 400/81.

u. Surface Material Regulations. Regulation 11/1978. 9 pages. Also include Regulation 44/78.

89. QUARRIES REGULATION ACT. Administered by Alberta Energy Resources Conservation Board. Chapter Q-1-R.S.A., 1980. 5 pages.

REGULATIONS:

a. Quarries General Regulations. Regulation 38/1957. 36 pages. Also include Regulation 355/77.

90. RECREATION DEVELOPMENT ACT. Administered by Alberta Department of Recreation and Parks. Chapter R-8-R.S.A., 1980. 3 pages.

91. RECREATION, PARKS AND WILDLIFE FOUNDATION ACT. Administered by Alberta Department of Recreation and Parks. Chapter R-9-R.S.A., 1980. 4 pages.

92. RELIGIOUS SOCIETIES' LAND ACT. Administered by Alberta Department of Consumer and Corporate Affairs. Chapter R-14-R.S.A., 1980. 11 pages. Amended by Chapter 12/84.

93. SEED CONTROL AREAS ACT. Administered by Alberta Department of Agriculture. Chapter S-8-R.S.A., 1980. 7 pages.

94. SOIL CONSERVATION ACT. Administered by Alberta Department of Agriculture. Chapter S-19-R.S.A., 1980. 6 pages.

95. SPECIAL AREAS ACT. Administered by the Alberta Department of Municipal Affairs, and in some instances, the Associate Minister of Public Lands and Wildlife, Alberta Department of Energy and Natural Resources. Chapter S-20-R.S.A., 1980. 9 pages.

REGULATIONS:

a. Regulations to Provide for the Issuance of Mineral Surface Leases in the Special Areas. Regulation 249/1970. 6 pages. Also include Regulation 398/81.

b. Special Areas Community Pasture Regulations. Regulation 301/1966. 5 pages. Also include Regulation 393/81.

c. Special Areas Cultivation Leases Regulation. Regulation 327/1966. 3 pages. Also include Regulation 394/81.

d. Special Areas Grazing Lease Regulations. Regulation 96/1968. 6 pages. Also include Regulation 395/81.

e. Special Areas Grazing Permit Regulations. Regulation 330/1966. 3 pages. Also include Regulation 396/81.

f. Special Areas Hay Permit Regulations. Regulation 331/1966. 3 pages. Also include Regulation 397/81.

g. Special Areas Pipe Line Regulations. Regulation 3/1959. 12 pages. Also include Regulation 399/81.

h. Special Areas Service Fees Regulation. Regulation 272/1975. 4 pages. Also include Regulation 400/81.

96. SPECIAL WASTE MANAGEMENT CORPORATION ACT. Administered by the Alberta Department of the Environment. Chapter S-21.5, 1982. 5 pages.

97. SURFACE RIGHTS ACT. Administered by Alberta Department of Agriculture. Chapter S-27.1, 1983. 29 pages.

    REGULATIONS:

    a. General Regulation. Regulation 238/1983. 5 pages.

    b. Rules of Procedure and Practice of the Surface Rights Board. Regulation 239/1983. 3 pages.

98. SURVEYS ACT. Administered by Associate Minister of Public Lands and Wildlife, Alberta Department of Energy and Natural Resources. Chapter S-29-R.S.A., 1980. 33 pages.

    REGULATIONS:

    a. Forms Regulation. Regulation 495/1981. 2 pages.

    b. Survey Control Regulations. Regulation 74/1976. 5 pages. Also include Regulation 391/79.

    c. Unsurveyed Territory Survey Regulations. Regulation 86/1976. 5 pages.

99. TURNER VALLEY UNIT OPERATIONS ACT. Administered by Alberta Energy Resources Conservation Board. Chapter T-12-R.S.A., 1980. 7 pages.

100. WATER RESOURCES ACT. Administered by Alberta Department of the Environment and Alberta Department of Public Works, Supply and Services. Chapter W-5-R.S.A., 1980. 49 pages.

    REGULATIONS:

    a. Dam and Canal Safety Regulations. Regulation 351/1978. 4 pages.

    b. Provincial Water Power Regulations. Regulation 284/1957. 52 pages. Also include Regulation 388/72.

    c. Water Resources Act General Regulations. Regulation 91/1958. 26 pages. Also include Regulation 401/78.

101. WATER RESOURCES COMMISSION ACT. Administered by the Alberta Departments of the Environment, Municipal Affairs, Agriculture and Economic Development. Chapter W-5.1, 1983. 3 pages.

102. WEED CONTROL ACT. Administered by Alberta Department of Agriculture. Chapter W-6-R.R.S., 1980. 13 pages.

    REGULATIONS:

    a. Seed Cleaning Plant Regulation. Regulation 122/1982. 9 pages.

    b. Weed Control Act Form Regulation. Regulation 139/1980. 8 pages.

    c. Weed Designation Regulation. Regulation 138.1980. 2 pages.

103. WESTERN IRRIGATION DISTRICT AGREEMENT ACT, 1954. Chapter 111, 1954.

104. WILDERNESS AREAS, ECOLOGICAL RESERVES AND NATURAL AREAS ACT. Administered by Alberta Department of Recreation and Parks and Associate Minister of Public Lands and Wildlife. Chapter W-8-R.S.A., 1980. 10 pages.

105. WILDLIFE ACT. Administered by Associate Minister of Public Lands and Wildlife, Alberta Department of Energy and Natural Resources. Chapter W-9-R.S.A., 1980. 51 pages.

REGULATIONS:

a. Big Game Farm Regulations. Regulation 6/1971. 9 pages. Also include Regulation 412/83.

b. Definitions of Wildlife Regulation. Regulation 94/1984. 2 pages.

c. Falconry Regulation. Regulation 392/1981. 5 pages. Also include Regulation 347/82.

d. Game Bird Farm Regulations. Regulation 244/1970. 8 pages. Also include Regulation 78/82.

e. Game Hunting Regulation, 1980. Regulation 159/1980. 41 pages. Also include Regulation 237/82 and 159/84, amended by Regulation 348/82.

f. Pheasant Shooting Ground Regulation. Regulation 208/1966. 5 pages. Also include Regulation 104/83.

g. Possession of Dead Wildlife Regulation. Regulation 75/1980. 1 page.

h. Subsistence Hunting Regulation. Regulation 43/1981. 2 pages. Also include Regulation 70/82.

i. Sunday Hunting Regulation. Regulation 194/1983. 1 page.

j. Wild Fur Industry Regulations. Regulation 51/1971. 24 pages. Also include Regulation 305/81, amended by Regulation 369/83.

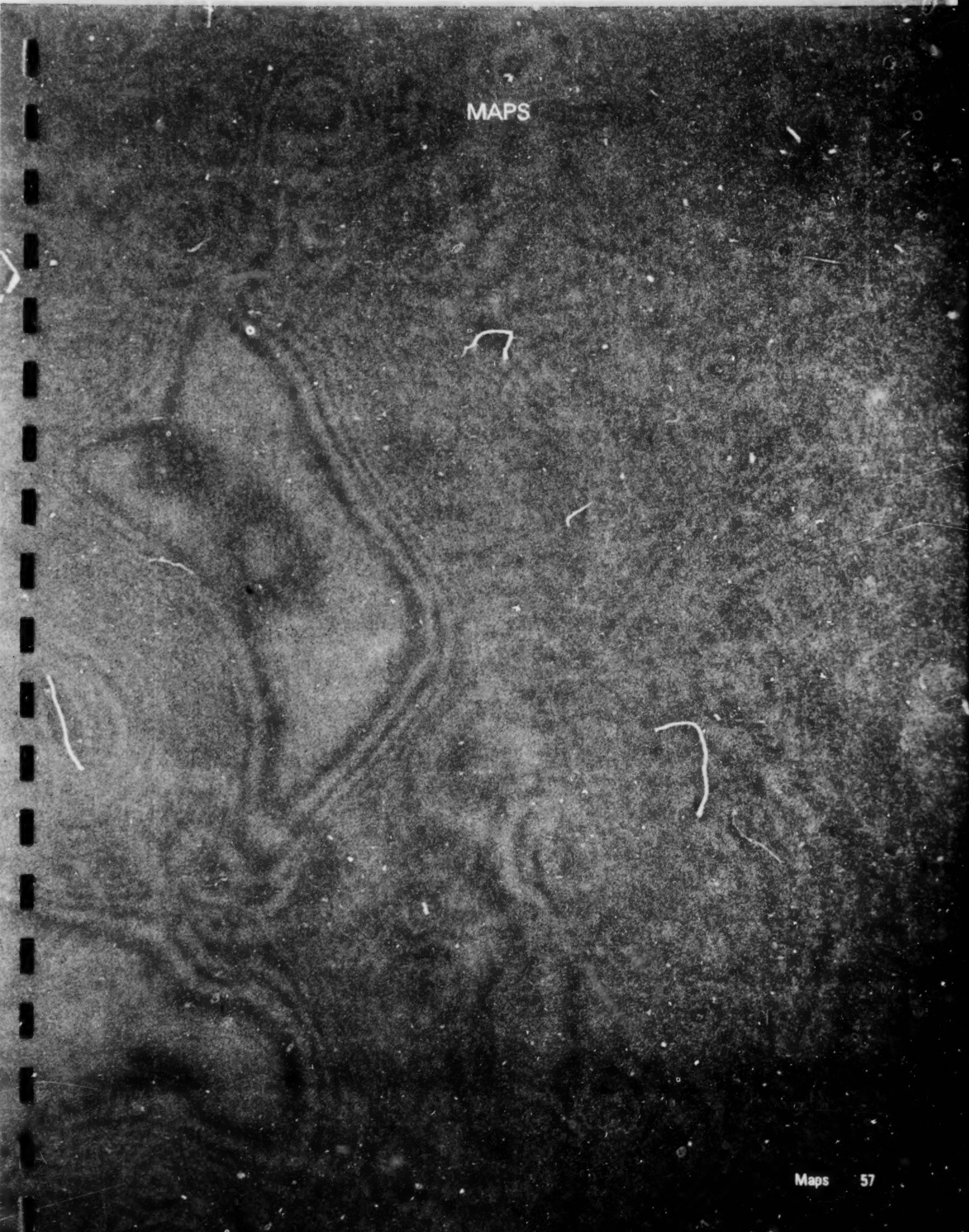
k. Wildlife Damage Fund Regulations. Regulation 292/1968. 7 pages. Also include Regulation 79/82.

l. Wildlife Depredation Control Regulation. Regulation 517/1981. 1 page.

m. Wildlife Sanctuaries, Bird Sanctuaries and Wildlife Management Unit Regulations. Regulation 162/1974. 43 pages. Also include Regulation 225/82.

106. WILLMORE WILDERNESS PARK ACT. Administered by Alberta Department of Energy and Natural Resources, and the Associate Minister of Public Lands and Wildlife. Chapter W-10-R.S.A., 1980. 3 pages.

MAPS



SCALE CONVERSION TABLE

The following table has been included to assist users of the Natural Resources Information Directory in comparing previous imperial map scales to the metric format now being used.

1 inch = 1/4 mile = 1:15 840

1 inch = 1/2 mile = 1:31 680

1 inch = 3/4 mile = 1:47 520

1 inch = 1 mile = 1:63 360

1 1/4 inches = 1 mile = 1:79 200

1 1/2 inches = 1 mile = 1:95 040

1 3/4 inches = 1 mile = 1:110 880

1 inch = 2 miles = 1:126 720

1 inch = 3 miles = 1:190 080

1 inch = 4 miles = 1:253 440

1 inch = 5 miles = 1:316 800

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1 inch = 9 miles = 1:570 240

1 inch = 10 miles = 1:633 600

1 inch = 12 miles = 1:760 320

1 inch = 15 miles = 1:950 400

1 inch = 20 miles = 1:1 267 200

1:50 000 AGGREGATE INVENTORY MAPS

DETAILS : This series of maps shows distribution of major gravel occurrences in the province. Maps are being produced at 1:50 000 and 1:250 000 with marginal notes.

For related information refer to "1:250 000 Aggregate Inventory Maps" on page 63, "Aggregate Inventory Reports - Alberta Research Council" on page 215, "Aggregate Resource Evaluation Reports" on page 217, and "Alberta Research Council Earth Sciences Reports" on page 221.

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SOURCE : Alberta Research Council, Alberta Geological Survey.

LOCATION : Both **reports and maps** may be purchased from:

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

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	a. Bow Island, 1984. Open File Report 1984-08n. (NTS 72E/14)
	b. Seven Persons, 1984. Open File Report 1984-08o. (NTS 72E/15)
	c. Irvine, 1984. Open File Report 1984-08p. (NTS 72E/16)
2.	
	a. Many Island Lake, 1984. Open File Report 1984-09a. (NTS 72L/1)
	b. Medicine Hat, 1984. Open File Report 1984-09b. (NTS 72L/2)
	c. Suffield, 1984. Open File Report 1984-09c. (NTS 72L/3)
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	a. Chauvin, 1984. Open File Report 1984-10i. (NTS 73D/9)
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4.	
	a. Paradise Valley, 1984. Open File Report 1984-11a. (NTS 73E/1)
	b. Grizzly Bear Creek, 1984. Open File Report 1984-11b. (NTS 73E/2)

c. Buffalo Creek, 1984. Open File Report 1984-11c. (NTS 73E/3)
d. Viking, 1984. Open File Report 1984-11d. (NTS 73E/4)
e. Innisfree, 1984. Open File Report 1984-11e. (NTS 73E/5)
f. Mannville, 1984. Open File Report 1984-11f. (NTS 73E/6)
g. Vermilion, 1984. Open File Report 1984-11g. (NTS 73E/7)
h. Lloydminster, 1984. Open File Report 1984-11h. (NTS 73E/8)
i. Marwayne, 1984. Open File Report 1984-11i. (NTS 73E/9)
j. Clandonald, 1984. Open File Report 1984-11j. (NTS 73E/10)
k. Marwayne, 1984. Open File Report 1984-11k. (NTS 73E/11)
l. Two Hills, 1984. Open File Report 1984-11l. (NTS 73E/12)
m. Hairy Hill, 1984. Open File Report 1984-11m. (NTS 73E/13)

5.
a. Milk Hill, 1981. Open File Report 1981-07a. (NTS 82H/1)
b. Shanks Lake, 1981. Open File Report 1981-07b. (NTS 82H/2)
c. Cardston, 1981. Open File Report 1981-07c. (NTS 82H/3)
d. Waterton Lakes, 1981. Open File Report 1981-07d. (NTS 82H/4)
e. Pincher Creek, 1981. Open File Report 1981-07e. (NTS 82H/5)
f. Raley, 1981. Open File Report 1981-07f. (NTS 82H/6)
g. Raymond, 1981. Open File Report 1981-07g. (NTS 82H/7)
h. Warner, 1981. Open File Report 1981-07h. (NTS 82H/8)
i. Chin Coulee, 1981. Open File Report 1981-07i. (NTS 82H/9)
j. Lethbridge, 1981. Open File Report 1981-07j. (NTS 82H/10)
k. Fort McLeod, 1981. Open File Report 1981-07k. (NTS 82H/11)
l. Brocket, 1981. Open File Report 1981-07l. (NTS 82H/12)
m. Granum, 1981. Open File Report 1981-07m. (NTS 82H/13)
n. Monarch, 1981. Open File Report 1981-07n. (NTS 82H/14)
o. Picture Butte, 1981. Open File Report 1981-07o. (NTS 82H/15)
p. Taber, 1981. Open File Report 1981-07p. (NTS 82H/16)

6.
a. Vauxhall, 1984. Open File Report 1984-12a. (NTS 82I/1)
b. Travers, 1984. Open File Report 1984-12b. (NTS 82I/2)
c. Carmangay, 1984. Open File Report 1984-12c. (NTS 82I/3)
d. Claresholm, 1984. Open File Report 1984-12d. (NTS 82I/4)

7.
a. Chain Lakes, 1984. Open File Report 1984-13k. (NTS 83A/11)
b. Ponoka, 1984. Open File Report 1984-13l. (NTS 83A/12)
c. Beaverhills Lake, 1984. Open File Report 1984-13m. (NTS 83A/13)
d. Wetaskiwin, 1984. Open File Report 1984-13n. (NTS 83A/14)
e. Ferintosh, (in preparation). (NTS 83A/15)
f. Daysland, 1984. Open File Report 1984-13p. (NTS 83A/16)

8.
a. Foothills, 1984. Open File Report 1984-14b. (NTS 83F/2)
b. Cadomin, 1984. Open File Report 1984-14c. (NTS 83F/3)
c. Entrance, 1984 (in preparation). (NTS 83F/5)
d. Pedley, 1984. Open File Report 1984-14f. (NTS 83F/6)
e. Erith, 1984. Open File Report 1984-14g. (NTS 83F/7)
f. Moose Creek, 1984 (in preparation). (NTS 83F/8)
g. Edson, 1984 (in preparation). (NTS 83F/9)
h. Bickerdike, 1984 (in preparation). (NTS 83F/10)

9.
a. Warburg, 1984. Open File Report 1984-15a. (NTS 83G/1)
b. Drayton Valley, 1984. Open File Report 1984-15b. (NTS 83G/2)
c. Blue Rapids, 1984. Open File Report 1984-15c. (NTS 83G/3)
d. Eta Lake, (in preparation). (NTS 83G/5)
e. Easyford, 1984. Open File Report 1984-15e. (NTS 83G/5)
f. Tomahawk, 1984. Open File Report 1984-15g. (NTS 83G/7)
g. Genesee, 1984. Open File Report 1984-15h. (NTS 83G/8)
h. Onoway, 1984. Open File Report 1984-15i. (NTS 83G/9)
i. Isle Lake, 1984. Open File Report 1984-15j. (NTS 83G/10)
j. Chip Lake, 1984. Open File Report 1984-15k. (NTS 83G/11)

k. Carrot Creek, (in preparation). (NTS 83G/12)
l. Mayerthorpe, 1984. Open File Report 1984-15n. (NTS 83G/14)
m. Sangudo, 1984. Open File Report 1984-15o. (NTS 83G/15)
n. Lac La Nonne, 1984. Open File Report 1984-15p. (NTS 83G/16)

10.
a. Holden, 1984. Open File Report 1984-16a. (NTS 83H/1)
b. Camrose, 1984. Open File Report 1984-16b. (NTS 83H/2)
c. Bittern Lake, 1984. Open File Report 1984-16c. (NTS 83H/3)
d. Kavanagh, 1984. Open File Report 1984-16d. (NTS 83H/4)
e. Leduc, 1984. Open File Report 1984-16e. (NTS 83H/5)
f. Cooking Lake, 1984. Open File Report 1984-16f. (NTS 83H/6)
g. Tofield, 1984. Open File Report 1984-16g. (NTS 83H/7)
h. Ryley, 1984. Open File Report 1984-16h. (NTS 83H/8)
i. Mundare, 1984. Open File Report 1984-16i. (NTS 83H/9)
j. Elk Island, 1984. Open File Report 1984-16j. (NTS 83H/10)
k. Edmonton, 1984. Open File Report 1984-16k. (NTS 83H/11)
l. St. Albert, 1984. Open File Report 1984-16l. (NTS 83H/12)
m. Morinville, 1984. Open File Report 1984-16m. (NTS 83H/13)
n. Redwater, 1984. Open File Report 1984-16n. (NTS 83H/14)
o. Lamont, 1984. Open File Report 1984-16o. (NTS 83H/15)
p. Willingdon, 1984. Open File Report 1984-16p. (NTS 83H/16)

11.
a. Smoky Lake, 1984. Open File Report 1984-17a. (NTS 83I/1)
b. Waskatenau, 1984. Open File Report 1984-17b. (NTS 83I/2)
c. Thorhild, 1984. Open File Report 1984-17c. (NTS 83I/3)
d. Westlock, 1984. Open File Report 1984-17d. (NTS 83I/4)

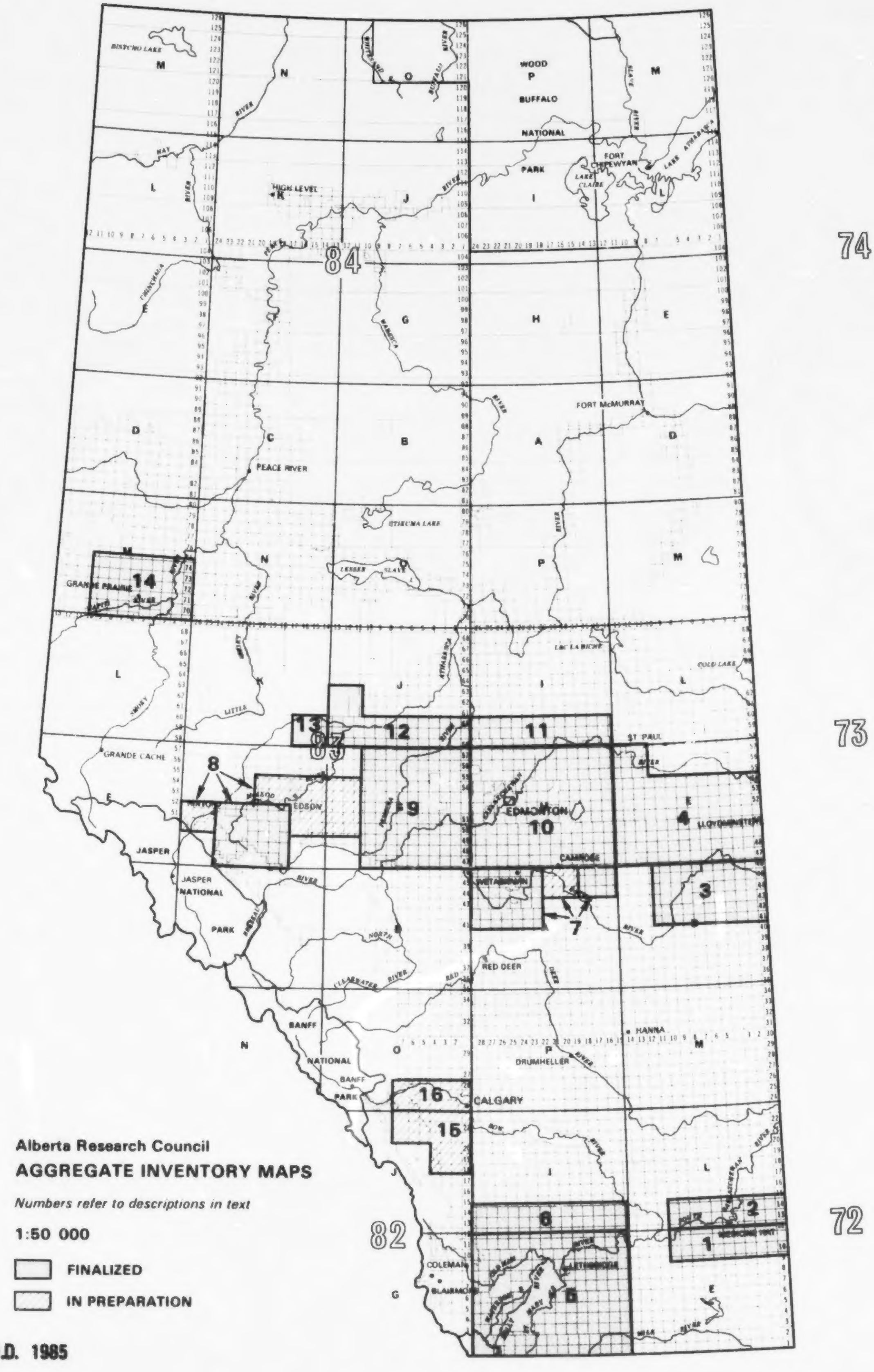
12.
a. Barrhead, 1984. Open File Report 1984-18a. (NTS 83J/1)
b. Thunder Lake, 1984. Open File Report 1984-18b. (NTS 83J/2)
c. Green Court, 1984. Open File Report 1984-18c. (NTS 83J/3)
d. Whitecourt, 1984. Open File Report 1984-18d. (NTS 83J/4)
e. Carson Lake, 1984. Open File Report 1984-18e. (NTS 83J/5)

13.
a. Windfall, 1984. Open File Report 1984-19d. (NTS 83K/1)

14.
a. Debolt, 1984. Open File Report 1984-20a. (NTS 83M/1)
b. Grande Prairie, 1984. Open File Report 1984-20b. (NTS 83M/2)
c. Wembley, 1984. Open File Report 1984-20c. (NTS 83M/3)
d. La Glace, 1984. Open File Report 1984-20f. (NTS 83M/6)
e. Sexsmith, 1984. Open File Report 1984-20g. (NTS 83M/7)
f. Smoky Heights, 1984. Open File Report 1984-20h. (NTS 83M/8)

15.
a. Turner Valley, (in preparation). (NTS 83J/9)
b. Bragg Creek, (in preparation). (NTS 83J/15)
c. Priddis, (in preparation). (NTS 83J/16)

16.
a. Calgary, (in preparation). (NTS 83O/1)
b. Jumpingpound Creek, (in preparation). (NTS 83O/29)


Alberta Research Council

AGGREGATE INVENTORY MAPS

Numbers refer to descriptions in text

1:50 000

▭ FINALIZED

▨ IN PREPARATION

74
73
72
82
84
83
BISTCHO LAKE
WOOD BUFFALO NATIONAL PARK
FORT CHIPEWYAN
LAKE CLAIRE
LAKE ATHABASCA
HIGH LEVEL
FORT McMURRAY
PEACE RIVER
UTIKUMA LAKE
LESSER SLAVE L.
GRANDE PRAIRIE
LAC LA BICHE
COLD LAKE
ST PAUL
GRANDE CACHE
HINTON
EDSON
EDMONTON
LLOYDMINSTER
CAMROSE
WETASKIWIN
JASPER
JASPER NATIONAL PARK
RED DEER
HANNA
DRUMHELLER
BANFF
BANFF NATIONAL PARK
CALGARY
MEDICINE HAT
COLEMAN
BLAIRMORE
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16

1:250 000 AGGREGATE INVENTORY MAPS

DETAILS : This series of maps shows distribution of major gravel occurrences in the province. Maps are being produced at 1:50 000 and 1:250 000 with marginal notes.

For related information refer to "1:50 000 Aggregate Inventory Maps" on page 59, "Aggregate Inventory Reports - Alberta Research Council" on page 215, "Aggregate Resource Evaluation Reports" on page 217, and "Alberta Research Council Earth Sciences Reports" on page 221.

FILE SIZE : 16 map sheets

FREQUENCY OF UPDATE : annually

PROJECT DURATION : 1983-

SOURCE : Alberta Research Council, Alberta Geological Survey.

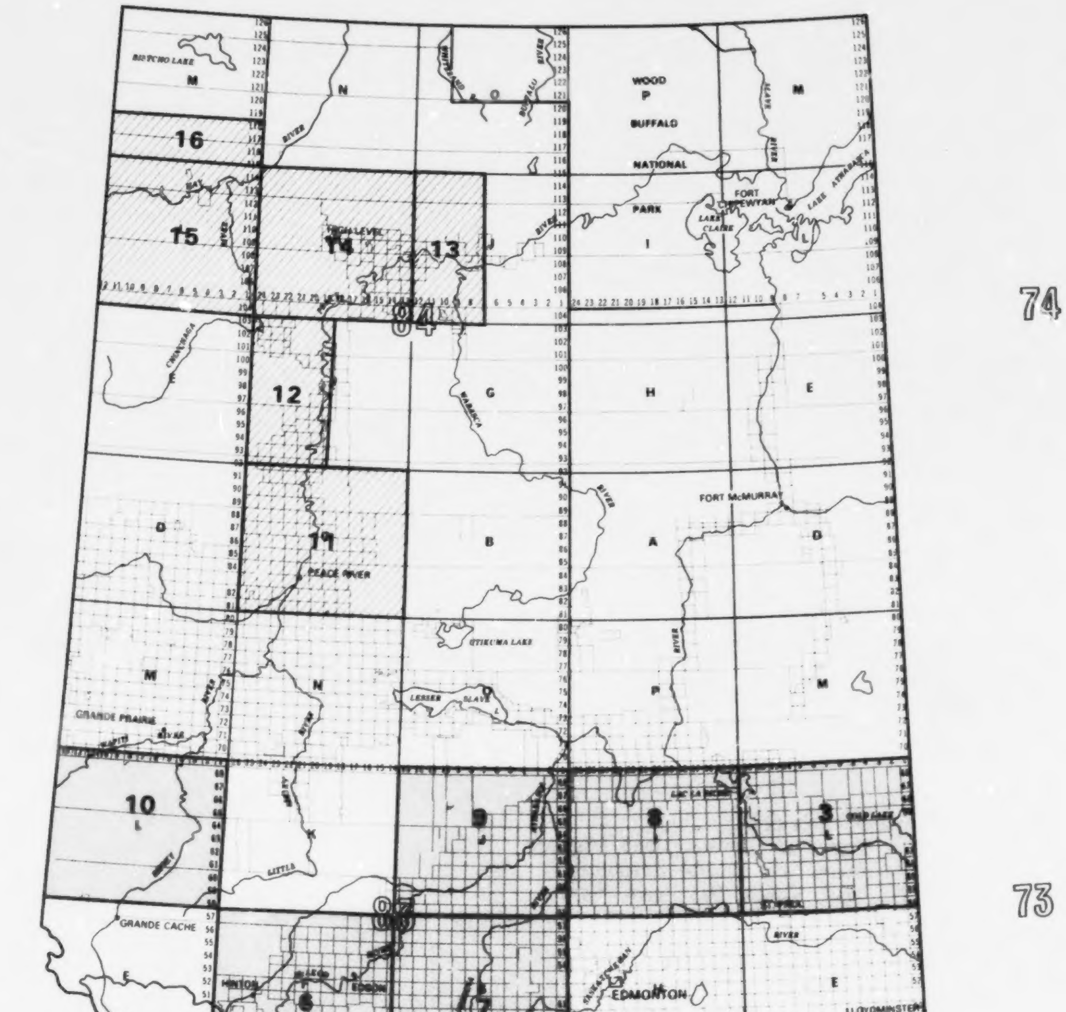
LOCATION : Both **maps and reports** may be purchased from:

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Maps **only** may be purchased from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

Number on Index Map	**Description**
1.	Formost, (in preparation). (NTS 72E)
2.	Medicine Hat, 1984. Open File Report 1984-02. (NTS 72L)
3.	Sand River, 1984. Open File Report 1984-03. (NTS 73L)
4.	Gleichen, 1983. Open File Report 1983-18. (NTS 82I)
5.	Red Deer, 1984. Open File Report 1984-04. (NTS 83A)
6.	Edson, 1984. Open File Report 1984-05. (NTS 83F)
7.	Wabamun Lake, 1984. Open File Report 1984-06. (NTS 83G)
8.	Tawatinaw, 1983. Open File Report 1983-19. (NTS 83I)
9.	Whitecourt, 1984. Open File Report 1984-07. (NTS 83J)
10.	Wapiti, 1983. Open File Report 1983-17. (NTS 83L)
11.	Peace River, in preparation. (NTS 84C)
12.	Bison Lake, in preparation. (NTS 84F)
13.	Vermilion Chutes, in preparation. (NTS 84J)
14.	Mount Watt, in preparation. (NTS 84K)
15.	Zama Lake, in preparation. (NTS 84L)
16.	Bistcho Lake, in preparation. (NTS 84M)



74
73
72
82
16
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9
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1
84
83
BISTCHO LAKE
WOOD BUFFALO NATIONAL PARK
FORT CHIPEWYAN
LAKE CLAIRE
LAKE ATHABASCA
HIGH LEVEL
FORT McMURRAY
PEACE RIVER
UTIKUMA LAKE
LESSER SLAVE L.
GRANDE PRAIRIE
GRANDE CACHE
HINTON
EDSON
JASPER
JASPER NATIONAL PARK
EDMONTON
LLOYDMINSTER
CAMROSE
RED DEER
HANNA
DRUMHELLER
BANFF
BANFF NATIONAL PARK
CALGARY
COLEMAN
LETHBRIDGE
MEDICINE HAT

Alberta Research Council

AGGREGATE INVENTORY MAPS

Numbers refer to descriptions in text

1:250 000

▭ **FINALIZED**

▨ **IN PREPARATION**

AGROCLIMATIC ZONES OF ALBERTA

DETAILS : This map (1:2 534 400) delineates areas that have, on the long-term average, similar climatic characteristics for cropping purposes. It is an attempt to provide a general guide in determining the range of crops that, as a result of a combination of climatic factors, can be satisfactorily grown in each area. Soil and topographic are considered, but the map is primarily based on general physiographic features.

For related information refer to "Hail Rate Map" on page 133, "Land (Soil) Capability for Agriculture" on page 144, "Precipitation Over Alberta" on page 172, "Maintaining and Expanding the Agricultural Land Base in Alberta" on page 254, "Meteorological Analysis Reports" on page 257, "Risk Analysis Reports" on page 285, "Alberta Environment Real Time Hydrometeorological Network Computer File" on page 300, "Alberta Hail Project Records Computer File" on page 302, "Climate Inventory and Appraisal Records Computer File" on page 309, "Climatological Records Computer File" on page 311, "Forest Station Weather Records Computer File" on page 322, "Sacramento Precipitation Storage Gauge Network Computer File" on page 357, "Snow Course Data Computer File" on page 362, and "Weather Radar Data Computer File" on page 374.

FILE SIZE : 1 map sheet

PROJECT DURATION : 1967 (based upon data prior to 1964)

SOURCE : Agriculture Canada

LOCATION : Limited stocks of this map are available from:

Agriculture Secretary
Faculty of Extension
Corbett Hall
University of Alberta
82nd Avenue and 112th Street
Edmonton, Alberta
T6G 2G4 (403) 432-3029

AIRBORNE GAMMA RAY SPECTROMETRY

DETAILS : This collection of 1:250 000 maps indicate airborne gamma ray spectrometry data collected over the edge of the exposed Precambrian Shield in northeastern Alberta. The information is presented as:

1. Contour maps of total count, potassium, equivalent uranium and equivalent thorium concentrations, and eU/eTh, eU/K and eTh/K ratios; and
2. Stacked profiles of the seven parameters for each of the east-west flight lines, which were located at 5 km spacings.

For related information refer to "Aerial Photography" on page 298, "Mineral Exploration Sample Storage Manual File" on page 328, and "Satellite Imagery" on page 358.

FILE SIZE : 3 map sheets

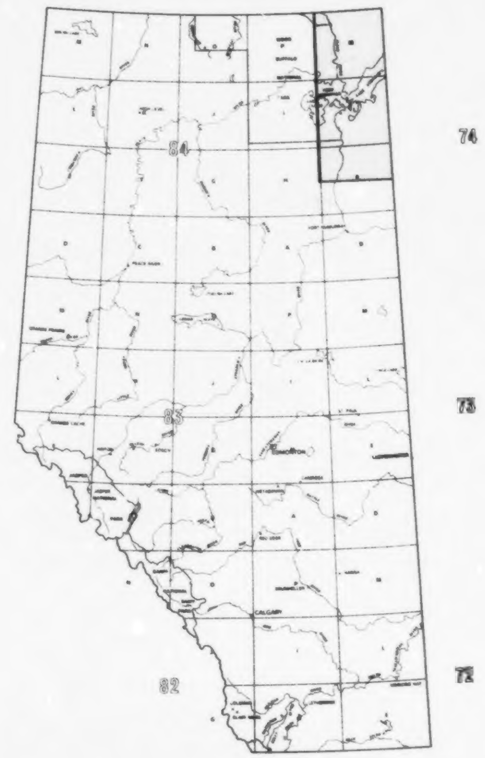
PROJECT DURATION : 1978

FREQUENCY OF UPDATE : N/A

SOURCE : Department of Energy, Mines and Resources Geological Survey of Canada.

LOCATION : Airborne gamma ray spectometry maps are available from:

Institute of Sedimentary and
Petroleum Geology
Geological Survey of Canada
Energy Mines and Resources
3303-33rd Street, N.W.
Calgary, Alberta
T2L 2A7 (403) 284-0110



Geological Survey of Canada
Energy, Mines and Resources Canada
AIRBORNE GAMMA RAY SPECTROMETRY

ALBERTA 1:1 000 CADASTRAL BASE SERIES

DETAILS : This series of 1:1 000 cadastral base maps indicate parcel boundaries, street names, survey system, hydrographic features and survey control monuments. Cadastral maps are available for the following communities:

1. Airdrie
(153 sheets, 1981 data)
2. Black Diamond (10 sheets, 1975-76 data)
3. Bow Island
(52 sheets, 1983 data)
4. Claresholm
(72 sheets, 1983 data)
5. Cochrane
(90 sheets, 1981 data)
6. Cold Lake
(69 sheets, 1981 data)
7. Drayton Valley
(92 sheets, 1982 data)
8. Fort McLeod
(80 sheets, 1981 data)
9. Fort McMurray
(48 sheets, 1980/83 data)
10. Grande Cache
(15 sheets, 1971-75 data)
11. Grande Centre
(42 sheets, 1981 data)
12. Grande Prairie
(138 sheets, 1981-82 data)
13. Hanna
(88 sheets, 1981 data)
14. Leduc
(19 sheets, 1975-76 data)
15. Lethbridge
(49 sheets, 1980-83 data)
16. Lloydminster
(10 sheets, 1983 data)
17. Magrath
(81 sheets, 1980 data)
18. Morinville
(51 sheets, 1983 data)
19. Red Deer
(129 sheets, 1977-83 data)
20. Rocky Mtn. House
(93 sheets, 1983 data)
21. St. Albert
(61 sheets, 1979-80 data)
22. St. Paul
(61 sheets, 1981 data)
23. Spruce Grove
(108 sheets, 1983 data)
24. Turner Valley
(22 sheets, 1975-76 data)
25. Vermilion
(58 sheets, 1982 data)
26. Whitecourt
(25 sheets, 1980 data)

For related information refer to "Alberta 1:2 400 and 1:7 200 Cadastral Map Series" on page 68, "Alberta 1:5 000 Cadastral Map Series" on page 69, "Alberta 1:5 000 Cadastral Orthophoto Contour Base Map Series" on page 71, "Alberta 1:5 000 Orthophoto Topographic Map Series" on page 74, "Alberta 1:7 200 Cadastral Index Map Series" on page 75, "Alberta 1:20 000, 1:25 000 and 1:40 000 Planimetric Urban Map Series" on page 76, "East Outline Plans" on page 112, "Township Plans" on page 207, "Municipal Contour Maps" on page 163, "Municipalities Map" on page 164, "Baseline Plans" on page 93, "Municipal Planning Information" on page 260, and "Urban Geology Manual File" on page 369.

FILE SIZE : 26 communities, 1716 separate map sheets

PROJECT DURATION : 1970-

FREQUENCY OF UPDATE : Periodically

SOURCE : Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping.

LOCATION : Maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

ALBERTA 1:2 400 AND 1:7 200 CADASTRAL MAP SERIES

DETAILS : A series of cadastral maps have been prepared by Alberta Bureau of Surveying and Mapping for various rural municipalities in Alberta at scales of 1:2 400 and 1:7 200. These maps show the relationship of streets, avenues, lots, blocks, and the city, town or village boundary.

For related information refer to "Alberta 1:1 000 Cadastral Base Series" on page 67, "Alberta 1:5 000 Cadastral Map Series" on page 69, "Alberta 1:5 000 Cadastral Orthophoto Contour Base Map Series" on page 71, "Alberta 1:5 000 Orthophoto Topographic Map Series" on page 74, "Alberta 1:7 200 Cadastral Index Map Series" on page 75, "Alberta 1:20 000, 1:25 000 and 1:40 000 Planimetric Urban Map Series" on page 76, "Baseline Plans" on page 93, "East Outline Plans" on page 112, "Municipal Contour Maps" on page 163, "Municipalities Map" on page 164, "Township Plans" on page 207, and "Municipal Planning Information" on page 260.

FILE SIZE : 581 (1:2 400) and 562 (1:7 200)

PROJECT DURATION : 1955-

FREQUENCY OF UPDATE : Periodically

SOURCE : Prepared for Alberta Municipal Affairs, Support Services by Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping.[3]

LOCATION : For diazo copies or information regarding availability of maps contact:

Forms Duplicating and Stock Advance
Central Services Branch
Alberta Municipal Affairs
4th Fl., Jarvis Bldg.
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-4880

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[3] For Provincial Planning Service Area only. Refer to "Municipal Planning Information" on page 260 for additional information and an index map showing the area of Alberta under the jurisdiction of Alberta Municipal Affairs.

ALBERTA 1:5 000 CADASTRAL MAP SERIES

DETAILS : This series of 1:5 000 cadastral base maps indicate parcel boundaries, street names, survey system, hydrographic features and survey control monuments.

Cadastral maps are available for the following communities:

1. Airdrie
   (9 sheets, 1981 data)
2. Black Diamond
   (3 sheets, 1978 data)
3. Bonnyville
   (4 sheets, 1980 data)
4. Bow Island
   (5 sheets, 1983 data)
5. Brooks
   (11 sheets, 1979-80 data)
6. Canmore
   (8 sheets, 1980 data)
7. Cardston
   (4 sheets, 1981 data)
8. Carstairs
   (6 sheets, 1981 data)
9. Claresholm
   (6 sheets, 1983 data)
10. Coaldale
    (4 sheets, 1978-79 data)
11. Cochrane
    (6 sheets, 1981-82 data)
12. Cold Lake
    (5 sheets, 1981 data)
13. Drayton Valley
    (7 sheets, 1982 data)
14. Fort McLeod
    (6 sheets, 1978 data)
15. Fort Saskatchewan
    (4 sheets, 1979 data)
16. Grande Cache
    (1 sheet, 1979 data)
17. Grande Centre
    (4 sheets, 1981 data)
18. Grande Prairie
    (5 sheets, 1982 data)
19. Hanna
    (6 sheets, 1981 data)
20. Innisfail
    (5 sheets, 1978,80 data)
21. Leduc
    (9 sheets, 1976-77, 79-80 data)
22. Magrath
    (6 sheets, 1980 data)
23. Morinville
    (6 sheets, 1983 data)
24. Okotoks
    (5 sheets, 1978-79 data)
25. Olds
    (4 sheets, 1977-79 data)
26. Peace River
    (8 sheets, 1978-79 data)
27. Picture Butte
    (4 sheets, 1978 data)
28. Pincher Creek
    (4 sheets, 1981 data)
29. Ponoka
    (4 sheets, 1979 data)
30. Raymond
    (4 sheets, 1978-79 data)
31. Red Deer
    (4 sheets, 1982-83 data)
32. Rocky Mtn. House
    (8 sheets, 1983 data)
33. St. Albert
    (9 sheets, 1978-79 data)
34. St. Paul
    (6 sheets, 1981 data)
35. Stettler
    (5 sheets, 1978, 80 data)
36. Taber

(8 sheets, 1978 data)

37. Turner Valley
(3 sheets, 1978 data)

38. Vegreville
(9 sheets, 1978-79 data)

39. Vermilion
(6 sheets, 1982 data)

40. Wainwright
(4 sheets, 1980 data)

41. Whitecourt
(6 sheets, 1980 data)

For related information refer to "Alberta 1:1 000 Cadastral Base Series" on page 67, "Alberta 1:2 400 and 1:7 200 Cadastral Map Series" on page 68, "Alberta 1:5 000 Cadastral Orthophoto Contour Base Map Series" on page 71, "Alberta 1:5 000 Orthophoto Topographic Map Series" on page 74, "Alberta 1:7 200 Cadastral Index Map Series" on page 75, "Alberta 1:20 000, 1:25 000 and 1:40 000 Planimetric Urban Map Series" on page 76, "Baseline Plans" on page 93, "East Outline Plans" on page 112, "Municipal Contour Maps" on page 163, "Municipalities Map" on page 164, "Township Plans" on page 207, and "Municipal Planning Information" on page 260.

FILE SIZE : 41 communities, 232 separate map sheets.

PROJECT DURATION : 1970-

FREQUENCY OF UPDATE : Periodically

SOURCE : Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping

LOCATION : Maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

ALBERTA 1:5 000 CADASTRAL ORTHOPHOTO CONTOUR BASE MAP SERIES

DETAILS : This series of 1:5 000 cadastral orthophoto contour base maps indicate parcel boundaries, street names, survey system, hydrographic features and survey control monuments. Cadastral orthophoto contour base maps are available for the following communities:

1. Airdrie
   (9 sheets, 1981 data)
2. Black Diamond
   (3 sheets, 1976 data)
3. Bonnyville
   (4 sheets, 1980 data)
4. Bow Island
   (5 sheets, 1983 data)
5. Canmore
   (8 sheets, 1980 data)
6. Cardston
   (4 sheets, 1981 data)
7. Claresholm
   (6 sheets, 1983 data)
8. Cochrane
   (6 sheets, 1981 data)
9. Cold Lake
   (5 sheets, 1981 data)
10. Drayton Valley
    (7 sheets, 1982 data)
11. Fort McLeod
    (6 sheets, 1978 data)
12. Fort Saskatchewan
    (4 sheets, 1977 data)
13. Grande Cache
    (1 sheet, 1976 data)
14. Grande Centre
    (4 sheets, 1981 data)
15. Grande Prairie
    (6 sheets, 1982 data)
16. Hanna
    (6 sheets, 1981 data)
17. Innisfail
    (5 sheets, 1977 data)
18. Leduc
    (9 sheets, 1976-77, 79-80 data)
19. Magrath
    (6 sheets, 1980 data)
20. Morinville
    (6 sheets, 1983 data)
21. Olds
    (4 sheets, 1978 data)
22. Peace River
    (8 sheets, 1977 data)
23. Picture Butte
    (4 sheets, 1978 data)
24. Pincher Creek
    (4 sheets, 1979 data)
25. Ponoka
    (4 sheets, 1977 data)
26. Rocky Mtn. House
    (8 sheets, 1983 data)
27. St. Albert
    (9 sheets, 1978-79 data)
28. St. Paul
    (6 sheets, 1981 data)
29. Stettler
    (5 sheets, 1979 data)
30. Taber
    (8 sheets, 1977 data)
31. Turner Valley
    (3 sneets, 1976 data)
32. Vegreville
    (9 sheets, 1978 data)
33. Vermilion
    (6 sheets, 1982 data)
34. Whitecourt
    (6 sheets, 1980)

For related information refer to "Alberta 1:1 000 Cadastral Base Series" on page 67, "Alberta 1:2 400 and 1:7 200 Cadastral Map Series" on page 68, "Alberta 1:5 000 Cadastral Map Series" on page 69, "Alberta 1:5 000 Orthophoto Contour Base Map Series" on page 73, "Alberta 1:5 000 Orthophoto Topographic Map Series" on page 74, "Alberta 1:7 200 Cadastral Index Map Series" on page 75, "Alberta 1:20 000, 1:25 000 and 1:40 000 Planimetric Urban Map Series" on page 76, "Baseline Plans" on page 93, "East Outline Plans" on page 112, "Township Plans" on page 207, and "Municipal Planning Information" on page 260.

FILE SIZE : 34 communities, 191 separate map sheets.

PROJECT DURATION : 1970-

FREQUENCY OF UPDATE : Periodically

SOURCE : Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping.

LOCATION : Maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

ALBERTA 1:5 000 ORTHOPHOTO CONTOUR BASE MAP SERIES

DETAILS : This series of 1:5 000 orthophoto contour base maps indicates parcel boundaries, street names, survey system, hydrographic features and survey control monuments. Orthophoto contour maps are available for the following communities:

1. Brooks
   (11 sheets, 1976 data)
2. Carstairs
   (6 sheets, 1977 data)
3. Coledale
   (4 sheets, 1976 data)
4. Crowsnest Pass
   (16 sheets, 1974 data)
5. Fort McMurray
   (18 sheets, 1978 data)
6. Hinton
   (4 sheets, 1982 data)
7. Lac La Biche
   (8 sheets, 1983 data)
8. Medicine Hat
   (6 sheets, 1981 data)
9. Okotoks
   (5 sheets, 1977 data)
10. Pincher Creek
    (4 sheets, 1978 data)
11. Raymond
    (4 sheets, 1976 data)
12. Red Deer
    (8 sheets, 1981 data)
13. Wainwright
    (4 sheets, 1980)

For related information refer to "Alberta 1:1 000 Cadastral Base Series" on page 67, "Alberta 1:2 400 and 1:7 200 Cadastral Map Series" on page 68, "Alberta 1:5 000 Cadastral Map Series" on page 69, "Alberta 1:5 000 Cadastral Orthophoto Contour Base Map Series" on page 71, "Alberta 1:5 000 Orthophoto Topographic Map Series" on page 74, "Alberta 1:7 200 Cadastral Index Map Series" on page 75, "Alberta 1:20 000, 1:25 000 and 1:40 000 Planimetric Urban Map Series" on page 76, "Baseline Plans" on page 93, "East Outline Plans" on page 112, "Township Plans" on page 207, and "Municipal Planning Information" on page 260.

FILE SIZE : 13 communities, 102 separate map sheets.

PROJECT DURATION : 1970-

FREQUENCY OF UPDATE : Periodically

SOURCE : Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping.

LOCATION : Maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

ALBERTA 1:5 000 ORTHOPHOTO TOPOGRAPHIC MAP SERIES

DETAILS : This series of 1:5 000 ortho-topographic maps indicate boundaries, 1 metre contours, hydrographic features, street names, survey system and survey control monuments. Ortho-topographic maps are available for the following municipalities:

1. Airdrie
2. Black Diamond
3. Bonnyville
4. Brooks
5. Bow Island
6. Canmore
7. Cardston
8. Carstairs
9. Claresholm
10. Coaldale
11. Cochrane
12. Coid Lake
13. Drayton Valley
14. Fort McLeod
15. Fort McMurray
16. Fort Saskatchewan
17. Grande Cache
18. Grande Centre
19. Grande Prairie
20. Hanna
21. Hinton
22. Innisfail
23. Leduc
24. Magrath
25. Medicine Hat (Partial)
26. Morinville
27. Okotoks
28. Olds
29. Peace River
30. Picture Butte
31. Pincher Creek
32. Ponoka
33. Raymond
34. Red Deer (Partial)
35. Rocky Mtn. House
36. St. Albert
37. St. Paul
38. Stettler
39. Taber
40. Turner Valley
41. Vegreville
42. Vermilion
43. Wainwright
44. Whitecourt

For related information refer to "Alberta 1:2 400 and 1:7 200 Cadastral Map Series" on page 68, "Alberta 1:5 000 Cadastral Orthophoto Contour Base Map Series" on page 71, "Alberta 1:5 000 Orthophoto Contour Base Map Series" on page 73, and "Alberta 1:7 200 Cadastral Index Map Series" on page 75.

FILE SIZE : 44 map sheets

PROJECT DURATION : 1970-

FREQUENCY OF UPDATE : Periodically

SOURCE : Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping.

LOCATION : Maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

ALBERTA 1:7 200 CADASTRAL INDEX MAP SERIES

DETAILS : A series of index maps have been prepared at a scale of 1:7 200 for various rural municipalities in Alberta, illustrating the relationship of streets, avenues, lots and blocks. Plan numbers are also indicated.

For related information refer to "Alberta 1:1 000 Cadastral Base Series" on page 67, "Alberta 1:2 400 and 1:7 200 Cadastral Map Series" on page 68, "Alberta 1:5 000 Cadastral Map Series" on page 69, "Alberta 1:5 000 Cadastral Orthophoto Contour Base Map Series" on page 71, "Alberta 1:5 000 Orthophoto Topographic Map Series" on page 74, "Alberta 1:20 000, 1:25 000 and 1:40 000 Planimetric Urban Map Series" on page 76, "Baseline Plans" on page 93, "East Outline Plans" on page 112, "Municipal Contour Maps" on page 163, "Municipalities Map" on page 164, "Township Plans" on page 207, and "Municipal Planning Information" on page 260.

FILE SIZE : 527 map sheets

PROJECT DURATION : 1955-

FREQUENCY OF UPDATE : Periodically

SOURCE : Alberta Municipal Affairs, Planning Services Division.[*]

LOCATION : For diazo copies or information regarding availability of maps contact:

Forms Duplicating and Stock Advance
Central Services Branch
Alberta Municipal Affairs
4th Fl., Jarvis Bldg.
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-4880

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[*] For Alberta Municipal Affairs planning service area only. Refer to "Municipal Planning Information" on page 260 for a map delineating this area.

ALBERTA 1:20 000, 1:25 000 AND 1:40 000 PLANIMETRIC URBAN MAP SERIES

DETAILS : Three series of planimetric urban maps have been prpared for the following cities. These maps indicate : road networks (streets, avenues, etc.), schools, golf courses, parks, railways (including Light Rapid Transit-LRT), subdivision names, Indian reserves, airports, hydrography, provincial electoral divisions, and city boundaries.

1. **1:20 000 Map Series**
   - Calgary (12 map sheets)
   - Edmonton (9 map sheets)
   - Grande Prairie (1 map sheet)
   - Fort McMurray (1 map sheet)

2. **1:25 000 Map Series**
   - Lethbridge (1 map sheet)
   - Medicine Hat (1 map sheet)
   - Red Deer (1 map sheet)

3. **1:40 000 Map Series**
   - Calgary (2 map sheets)
   - Edmonton (2 map sheets)

For related information refer to "Electoral District Maps - Federal" on page 114, "Electoral Divisions Map - Provincial" on page 115, and "Municipal Planning Information" on page 260.

FILE SIZE : 1:20 000 (23 sheets), 1:25 000 (3 sheets), 1:40 000 (4 sheets)

PROJECT DURATION : 1970-

FREQUENCY OF UPDATE : Annually

SOURCE : Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping.

LOCATION : Maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

ALBERTA 1:50 000 PROVINCIAL RESOURCE BASE MAP SERIES (PLANIMETRIC AND FOREST COVER)

DETAILS : The provincial 1:50 000 **Resource Base Map Series** is composed of two map types; a planimetric base with forest cover information and one without. Areal coverage of each series varies.

Planimetric information common to both series indicates detailed access, oil and gas development, transmission lines, ranger stations, airstrips, recreation areas, parks, Indian reserves, Metis colonies, nomenclature, survey and detailed hydrography. Forest cover information indicates species type, density, height and site conditions.

For related information refer to "Alberta 1:100 000 Provincial Map Series" on page 79, "Alberta 1:190 080 Provincial Forest Reserve (Topographical) Maps" on page 82, "Alberta 1:1 000 000 Provincial Map Series" on page 88, "Forest Inventory Mapping" on page 129, "Land Capability for Forestry" on page 145, "Environmental Effects of Forestry Operations in Alberta" on page 231, "Phase III Forest Inventory Information Reports" on page 279, "AFORISM - Alberta Forest Inventory Storage and Maintenance" on page 301, "Forest Fire Computer File" on page 320, and "Forest Reserve Grazing Records Manual File" on page 321.

FILE SIZE : 167 (planimetric only) and 496 (planimetric/forest cover).

PROJECT DURATION : 1955-

FREQUENCY OF UPDATE : Periodically (fire and survey data are updated annually)

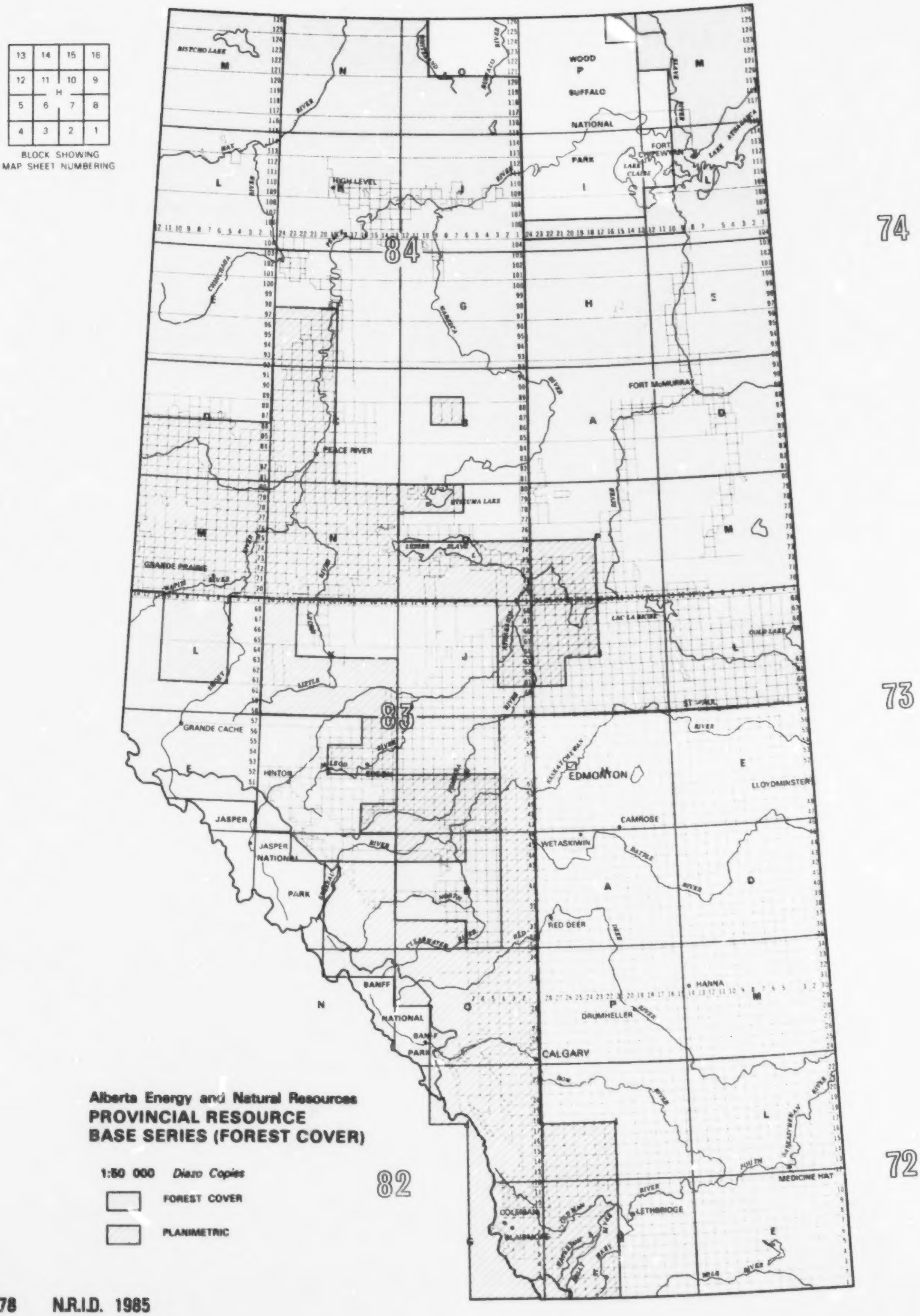
SOURCE : Alberta Energy and Natural Resources, Resource Evaluation and Planning Division, Cartographic Services.

LOCATION : Forest cover maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

Further information on this series is available from:

Manager, Cartographic Services
Resource Evaluation Branch
Resource Evaluation and Planning Division
Alberta Energy and Natural Resources
3rd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3507


13 14 15 16
12 11 10 9
H
5 6 7 8
4 3 2 1
BLOCK SHOWING MAP SHEET NUMBERING
84
83
82
74
73
72
BISTCHO LAKE
WOOD BUFFALO NATIONAL PARK
FORT CHIPEWYAN
LAKE ATHABASCA
HIGH LEVEL
PEACE RIVER
FORT McMURRAY
UTIKUMA LAKE
LESSER SLAVE L.
GRANDE PRAIRIE
LAC LA BICHE
COLD LAKE
ST PAUL
GRANDE CACHE
HINTON
EDSON
EDMONTON
LLOYDMINSTER
JASPER
JASPER NATIONAL PARK
CAMROSE
WETASKIWIN
RED DEER
HANNA
DRUMHELLER
BANFF NATIONAL PARK
BANFF
CALGARY
MEDICINE HAT
LETHBRIDGE
COLEMAN
BLAIRMORE

Alberta Energy and Natural Resources

PROVINCIAL RESOURCE BASE SERIES (FOREST COVER)

1:50 000 *Diazo Copies*

☐ FOREST COVER

▨ PLANIMETRIC

ALBERTA 1:100 000 PROVINCIAL MAP SERIES

For information related to each of these series refer to "Alberta 1:50 000 Provincial Resource Base Map Series (Planimetric and Forest Cover)" on page 77, "Alberta 1:190 080 Provincial Forest Reserve (Topographical) Maps" on page 82, "Alberta 1:250 000 Provincial Access Series" on page 85, "Alberta 1:500 000 Provincial Base Map Series" on page 86, "Alberta 1:1 000 000 Provincial Map Series" on page 88, "Forest Inventory Mapping" on page 129, and "Land Capability for Forestry" on page 145.

ALBERTA TOPOGRAPHIC SERIES

DETAILS : This series of 1:100 000 topographic maps, prepared by Alberta Energy and Natural Resources, indicates the following:

1. Built-up Areas
   towns, villages, hamlets, localities, buildings, schools, churches, cemetaries
2. Highways/Access
   divided highway, regular highway, all weather roads, dry weather roads, trails, railways
3. Hydrographic Information
   lakes, sloughs, marsh, swamp, muskeg, streams, rivers, sand banks, rapids, dams, falls, ferry crossings, irrigation ditches
4. Contours (50 foot)
5. Prominent Mountain Peaks
6. Township Boundaries, Section Lines
7. Parks (National and Provincial)
8. Indian Reserves
9. Historical Sites
10. Forestry
    Forest Reserves, Forestry Towers, Ranger Stations, Wooded Areas
11. Gravel Pits, Mines, etc.
12. Airstrips
13. Tank Farms
14. Towers
15. Campsites
16. Picnic Shelters
17. Pipelines (Oil and Gas)
18. Transmission Lines

FOREST COVER SERIES

DETAILS : This 1:100 000 map series differs from the above series, aside from forest cover, in both the type and detail of topographic information. The following information is contained in this map series:

1. Highways/Roads/Access
   hard surface (all weather), loose or stabilized surface (main route-all weather), loose or stabilized surface (secondary route), loose surface (dry weather), truck trail, seismic line/trail, bridge, ferry, ford, railway, cutbank,

2. Park Boundary

3. D.N.D. Air Weapons Range

4. Township Boundaries
   Township Line, Section Line, Quarter Section Line

5. Transmission Line

6. Pipeline

7. Forestry
   forest headquarters, ranger station, forestry cabin, lookout (primary), lookout (secondary), lookout (point or crawl tower), sawmill

8. Forest Cover
   general classification, density, height, sub-type, forest status (ie. burned area, productivity), clear cut, partial cut, improved land, marsh, bog, muskeg

9. Recreation
   recreation area (developed), recreation area (partial or undeveloped), boat storage

10. Aviation
    float landing, airstrip (regular maintenance), airstrip (occasional maintenance), airstrip length and elevation (100's feet), heliport M.O.T., helipad

11. Hydrographic Features
    river, rapids, falls, creek (intermittent), lake (intermittent), gravel bar, sand or mud, ditch, canal or flume

12. Contour Intervals (100 feet)

13. Height of Land

14. Saddle in Height of Land

COMPOSITE FOREST COVER SERIES

DETAILS : This 1:100 000 map series contains the same information as the preceeding series except that it does not indicate contour intervals, sawmills and the forest classification is very broad and general (indicated by colour).

FILE SIZE : Topographic Series - 10, Forest Cover Series - 148, and Composite Cover Series - 9.

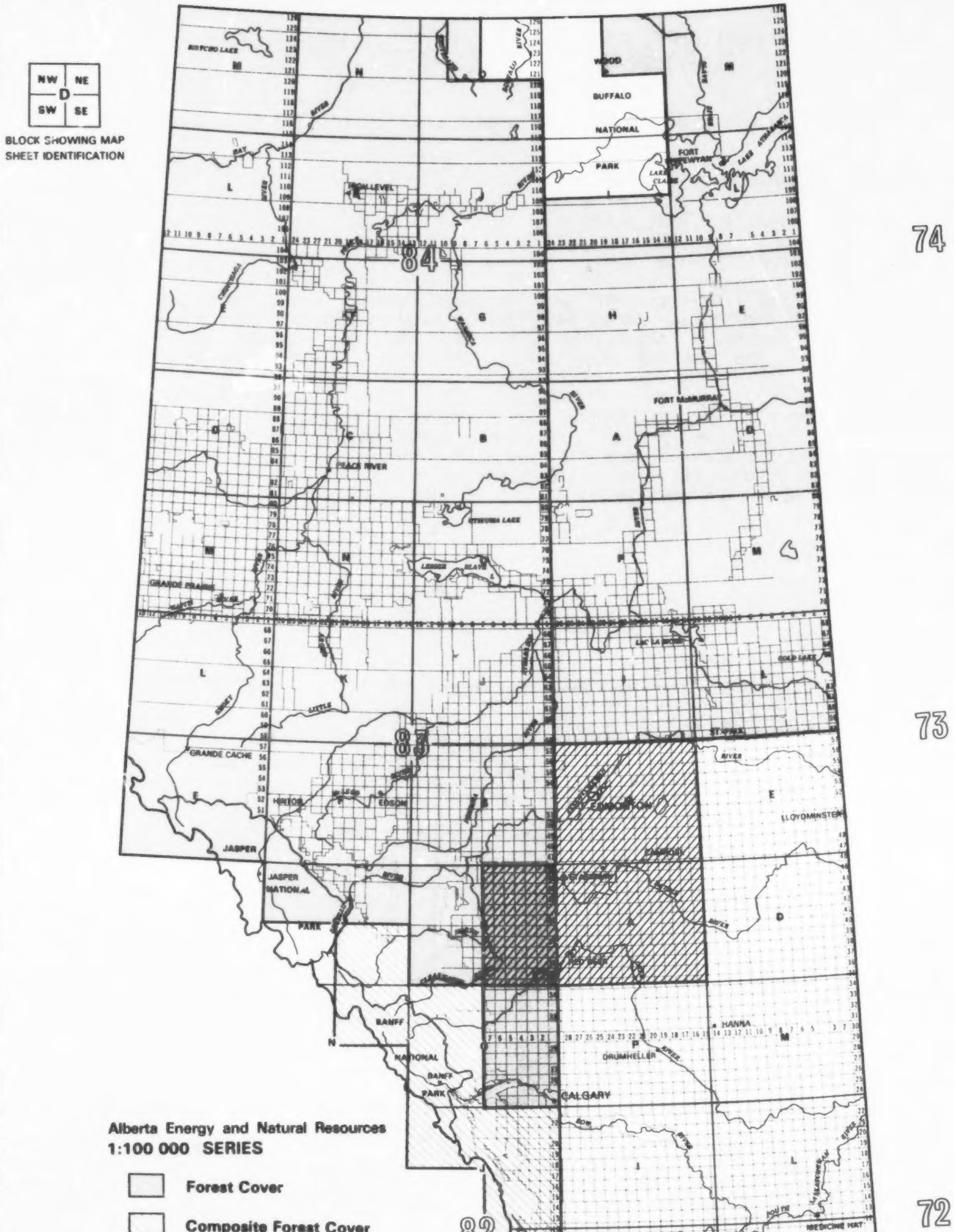
PROJECT DURATION : Circa 1970-

FREQUENCY OF UPDATE : Periodically

SOURCE : Alberta Energy and Natural Resources, Resource Evaluation and Planning Division, Cartographic Services.

LOCATION : Maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520


NW
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BLOCK SHOWING MAP SHEET IDENTIFICATION
74
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72
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WOOD BUFFALO NATIONAL PARK
FORT CHIPEWYAN
LAKE ATHABASCA
HIGH LEVEL
FORT McMURRAY
PEACE RIVER
UTIKUMA LAKE
LESSER SLAVE LAKE
GRANDE PRAIRIE
LAC LA BICHE
COLD LAKE
GRANDE CACHE
HINTON
EDSON
EDMONTON
LLOYDMINSTER
JASPER
JASPER NATIONAL PARK
RED DEER
HANNA
DRUMHELLER
BANFF NATIONAL PARK
CALGARY
MEDICINE HAT
LETHBRIDGE
COLEMAN
Alberta Energy and Natural Resources
1:100 000 SERIES
Forest Cover
Composite Forest Cover
Alberta Topographic Series
Not Available

ALBERTA 1:190 080 PROVINCIAL FOREST RESERVE (TOPOGRAPHICAL) MAPS

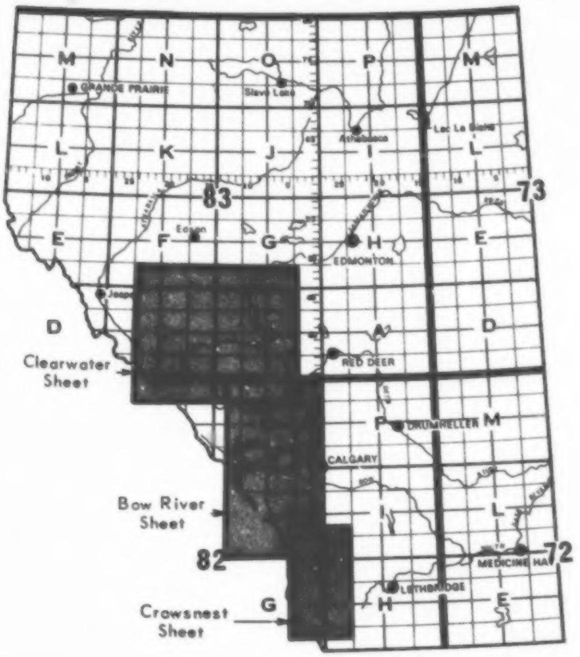
DETAILS : Topographical forest reserve maps have been prepared at a scale of 1:190 080 for the following areas:

1. Rocky Clearwater Forest (Clearwater Sheet)
2. Bow-Crow Forest (Bow River Sheet)
3. Bow-Crow Forest (Crowsnest Sheet)

These maps illustrate roads, topography (by colour tones), cut-lines, mines, lookout towers, ranger cabins and stations, and Alberta Forest Service (AFS) campgrounds. These maps are similar to those indicated by "Alberta 1:100 000 Provincial Map Series" on page 79, except at a larger scale. This three map series will be updated to a 1:200 000 map series within the near future.

For related information refer to "Alberta 1:50 000 Provincial Resource Base Map Series (Planimetric and Forest Cover)" on page 77, "Alberta 1:100 000 Provincial Map Series" on page 79, "Forest Inventory Mapping" on page 129, "Land Capability for Forestry" on page 145, "Range Allotment Maps" on page 176, "Forest Fire Computer File" on page 320, and "Forest Reserve Grazing Records Manual File" on page 321.

FILE SIZE : 3 map sheets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GRANDE PRAIRIE
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Athabasca
Lac La Biche
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Edson
EDMONTON
Jasper
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RED DEER
Clearwater Sheet
P
DRUMHELLER
M
CALGARY
Bow River Sheet
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L
82
72
MEDICINE HAT
LETHBRIDGE
Crowsnest Sheet
G
H
E

PROJECT DURATION : 1973-

FREQUENCY OF UPDATE : As supplies diminish

SOURCE : Alberta Energy and Natural Resources, Resource Evaluation and Planning Division, Cartographic Services.

LOCATION : Forest reserve maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

ALBERTA 1:250 000 GROUND CONTROL SURVEY MAPS

DETAILS : A collection of Ground Control Survey maps available at 1:250 000 indicating the location of ground control survey points throughout the province.

For related information refer to "National Topographic System (NTS) Maps" on page 166, and "Alberta Township Survey Coordinate Computer File" on page 304.

FILE SIZE : 50 map sheets

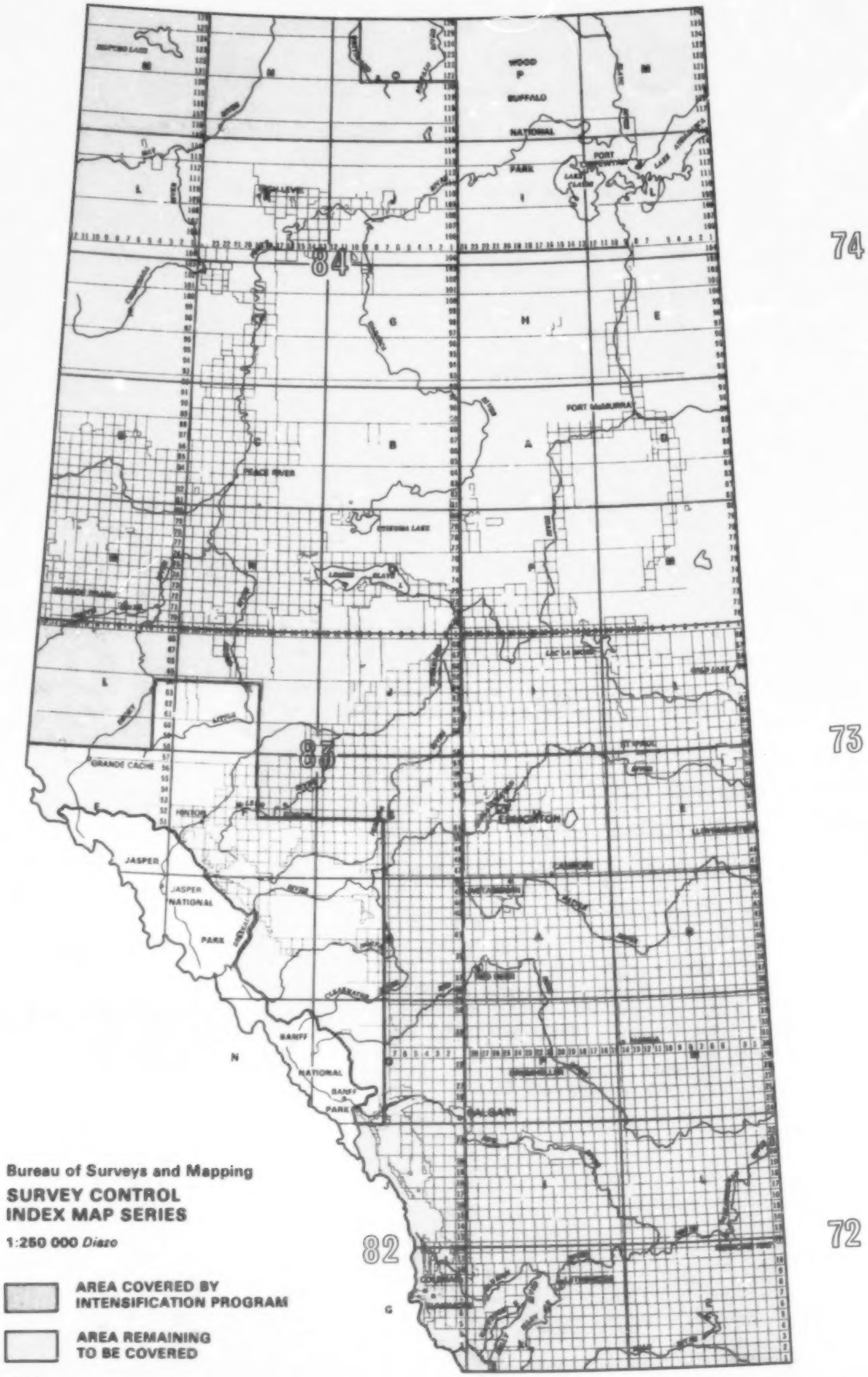
PROJECT DURATION : 1975-

FREQUENCY OF UPDATE : As update data becomes available.

SOURCE : Alberta Energy and Natural Resources, Survey Control Branch

LOCATION : Diazo copies are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520


74
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WOOD
BUFFALO
NATIONAL
PARK
FORT CHIPEWYAN
LAKE ATHABASCA
FORT McMURRAY
PEACE RIVER
LESSER SLAVE LAKE
GRANDE PRAIRIE
GRANDE CACHE
HINTON
JASPER
JASPER NATIONAL PARK
BANFF NATIONAL PARK
BANFF
EDMONTON
ST. PAUL
LLOYDMINSTER
RED DEER
DRUMHELLER
CALGARY
LETHBRIDGE
MEDICINE HAT

Bureau of Surveys and Mapping

SURVEY CONTROL INDEX MAP SERIES

1:250 000 *Diazo*

▨ AREA COVERED BY INTENSIFICATION PROGRAM

☐ AREA REMAINING TO BE COVERED

ALBERTA 1:250 000 PROVINCIAL ACCESS SERIES

DETAILS : This standard 1:250 000 provincial base map series, available in both topographic and planimetric format, indicates hydrographic features, legal survey, primary and secondary roads, airstrips (including Alberta Forest Service), transmission lines, pipelines, provincial and national parks, Indian reserves, Metis settlements, cities, towns, villiages and unincorporated communities.

Also shown is information pertaining to the Alberta Forest Service; for example: airstrips, heliports, headquarters, ranger stations and cabins, lookouts and campgrounds.

For related information refer to "Alberta 1:50 000 Provincial Resource Base Map Series (Planimetric and Forest Cover)" on page 77, "Alberta 1:100 000 Provincial Map Series" on page 79, "Alberta 1:190 080 Provincial Forest Reserve (Topographical) Maps" on page 82, "National Topographic System (NTS) Maps" on page 166, and "Visual Flight Regulations (VFR) Navigation Charts" on page 209.

FILE SIZE : 50 topographic and 50 planimetric map sheets

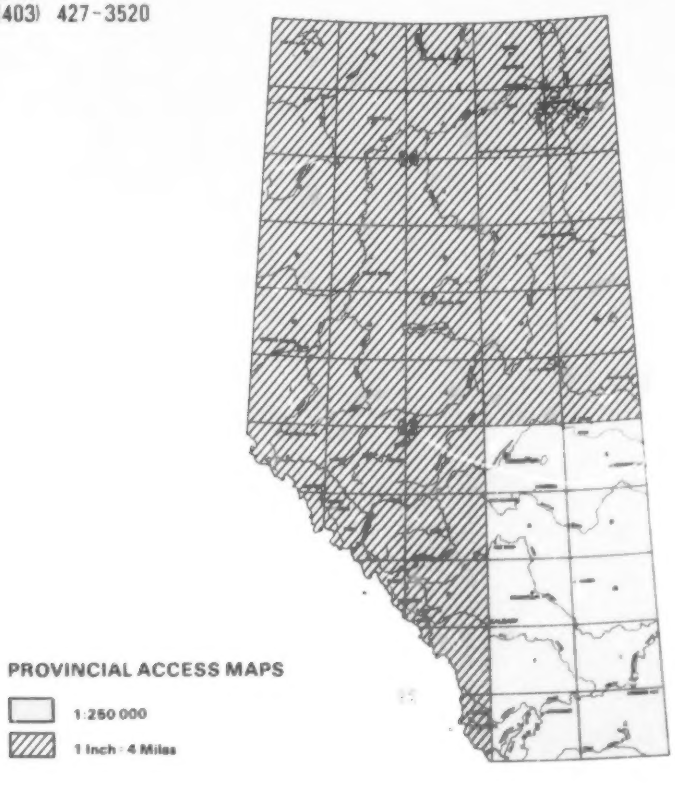
PROJECT DURATION : 1978-

FREQUENCY OF UPDATE : Periodically

SOURCE : Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping

LOCATION : Provincial access maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520



ALBERTA 1:500 000 PROVINCIAL BASE MAP SERIES

DETAILS : A series of 1:500 000 provincial base maps have been prepared for Alberta. They include:

1. Irrigation Districts Map (only parts of NTS 72 and 82)[5]
2. Planimetric Provincial Base Map
3. Planimetric Provincial Base Map with NTS Grid
4. Ranger District Map
5. Topographic Provincial Base Map
6. Topographic Provincial Base Map with NTS Grid

For related information refer to "Alberta 1:100 000 Provincial Map Series" on page 79, "Alberta 1:750 000 Provincial Map Series" on page 87, "Alberta 1:1 000 000 Provincial Map Series" on page 88, "Alberta 1:1 500 000 Provincial Map Series" on page 89, and "Alberta 1:2 500 000 Provincial Map Series" on page 90.

FILE SIZE : 6 maps

PROJECT DURATION : 1982-

FREQUENCY OF UPDATE : Every five years.

SOURCE : Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping

LOCATION : All maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

These maps, except for the irrigation map, are available in four parts (NE,NW,SE and SW).

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[5] This map is also available at 1:1 000 000.

ALBERTA 1:750 000 PROVINCIAL MAP SERIES

DETAILS : Thematic maps, projected on to the provincial 1:750 000 base, have been prepared by the Alberta Bureau of Surveying and Mapping for various user agencies. These maps include:

1. Electoral Divisions
2. Judicial Districts
3. Municipalities
4. Primary Highway Progress Chart
5. Provincial Base Map (showing boundaries, highways, parks, cultural features, etc.)
6. Population by Township and Incorporated Places
7. Population by Enumeration Within Federal Electoral Districts
8. Secondary Road Progress Chart

For related information refer to "Alberta 1:100 000 Provincial Map Series" on page 79, "Alberta 1:250 000 Provincial Access Series" on page 85, "Alberta 1:500 000 Provincial Base Map Series" on page 86, "Alberta 1:1 000 000 Provincial Map Series" on page 88, "Alberta 1:1 500 000 Provincial Map Series" on page 89, "Alberta 1:2 500 000 Provincial Map Series" on page 90, "Alberta 1:3 000 000 Provincial Map Series" on page 91, "Alberta 1:5 000 000 Thematic Resource Maps" on page 91, "Electoral District Maps - Federal" on page 114, and "Electoral Divisions Map - Provincial" on page 115.

FILE SIZE : 8 maps

PROJECT DURATION : 1976-

FREQUENCY OF UPDATE : Annually

SOURCE : Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping.

LOCATION : All maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

This map series is printed in two parts (north and south).

ALBERTA 1:1 000 000 PROVINCIAL MAP SERIES

DETAILS : The following 1:1 000 000 thematic provincial maps has been prepared for Alberta.

1. Alberta Agriculture Priority Agricultural Lands [6]
2. Alberta Forest Service Air Operations Base (Restricted)
3. Alberta Forest Service Air Patrol (Restricted)
4. Alberta Forest Service Fire Bombing Map (Restricted)
5. Alberta Forest Service Forest Classification
6. Alberta Forest Service Forest Classification with Forest Management Unit Boundaries
7. Alberta Forest Service Forest Fire Control Zones
8. Alberta Forest Service Forest Fuels Classification [7]
9. Alberta Forest Service Forest Management/National Topographic System Map
10. Alberta Forest Service Forest Management Unit Map
11. Alberta Forest Service Ranger District Map
12. Alberta Forest Service Spring Patrol (Restricted)
13. Alberta Government Telephones Tower Identification Map (Restricted)
14. Alberta Public Lands Ecological Reserves and Natural Areas
15. Alberta Relief Map (produced by ABSM)
16. Archaeological Resource Sensitivity Zones (Restricted)
17. Aviation Map (produced by ABSM)
18. Energy and Natural Resources Regions
19. Fish and Wildlife Regional and District Boundary Map (Restricted)
20. National Topographic System Reference Grid
21. Oil and Gas Exploration and Development Areas Map
22. Provincial Base Map

For related information refer to "Alberta 1:250 000 Provincial Access Series" on page 85, "Alberta 1:500 000 Provincial Base Map Series" on page 86, "Alberta 1:750 000 Provincial Map Series" on page 87, "Alberta 1:1 500 000 Provincial Map Series" on page 89, "Alberta 1:2 500 000 Provincial Map Series" on page 90, and "Alberta 1:3 000 000 Provincial Map Series" on page 91.

FILE SIZE : 22 maps

PROJECT DURATION : 1940's-

FREQUENCY OF UPDATE : Varies with map, most annually.

SOURCE : Alberta Energy and Natural Resources, Resource Evaluation and Planning Division, Cartographic Services, and Alberta Bureau of Surveying and Mapping.

LOCATION : All 1:1 000 000 maps, except those designated **Restricted** are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

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[6] Availability limited through Land Use Branch, Alberta Agriculture (427-5359).

[7] Availability limited through Terry Van Nest, Forest Protection Branch, Alberta Forest Service (427-6807).

ALBERTA 1:1 500 000 PROVINCIAL MAP SERIES

DETAILS : The following 1:1 500 000 thematic maps have been prepared for Alberta.

1. Alberta Electric System*
2. Alberta Forest Service Fire Suppression Priorities Map
3. Alberta Forest Service Forest Protection Areas Map
4. Alberta Forest Service Forest Protection Areas Map With Forest Fire Control Zones
5. Alberta Forest Service Ranger District Map
6. Fish and Wildlife Buck For Wildlife Map
7. Public Lands General Classification Map
8. Public Lands Regions and Supervisory Districts Map

For related information refer to "Alberta 1:250 000 Provincial Access Series" on page 85, "Alberta 1:500 000 Provincial Base Map Series" on page 86, "Alberta 1:750 000 Provincial Map Series" on page 87, "Alberta 1:1 000 000 Provincial Map Series" on page 88, "Alberta 1:2 500 000 Provincial Map Series" on page 90, and "Alberta 1:3 000 000 Provincial Map Series" on page 91.

FILE SIZE : 8 maps

PROJECT DURATION : 1940-

FREQUENCY OF UPDATE : As required, usually annually.

SOURCE : Alberta Energy and Natural Resources, Resource Evaluation and Planning Division, Cartographic Services, and Alberta Forest Service.

LOCATION : Maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

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* Prepared by Alberta Bureau of Surveying and Mapping.

ALBERTA 1:2 500 000 PROVINCIAL MAP SERIES

DETAILS : Thematic maps, projected on to the provincial 1:2 500 000 base, have been prepared by the Alberta Bureau of Surveying and Mapping for various user agencies. These maps include:

1. Census Divisions
2. Electoral Divisions
3. Judicial Districts
4. Municipalities
5. Provincial Base Map (showing boundaries, highways, parks, cultural features, etc.)
6. Statutory Boundaries of Planning Areas
7. Transportation Regions

For related information refer to "Alberta 1:750 000 Provincial Map Series" on page 87, "Alberta 1:1 500 000 Provincial Map Series" on page 89, "Alberta 1:5 000 000 Thematic Resource Maps" on page 91, "Electoral District Maps - Federal" on page 114, and "Electoral Divisions Map - Provincial" on page 115.

FILE SIZE : 7 maps

PROJECT DURATION : 1982-

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping.

LOCATION : All maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

ALBERTA 1:3 000 000 PROVINCIAL MAP SERIES

DETAILS : Two general purpose 1:3 000 000 provincial base maps have been prepared by the Alberta Bureau of Surveying and Mapping for thematic data presentation. These maps are:

Provincial Base Map (showing boundaries, highways, parks, cultural features, etc.)

Provincial Base Map with NTS Grid

For related information refer to "Alberta 1:750 000 Provincial Map Series" on page 87, "Alberta 1:1 500 000 Provincial Map Series" on page 89, and "Alberta 1:5 000 000 Thematic Resource Maps".

FILE SIZE : 2 maps

PROJECT DURATION : 1982-

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping.

LOCATION : All maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

ALBERTA 1:5 000 000 THEMATIC RESOURCE MAPS

DETAILS : The following 8 1/2 inch x 11 inch (scale 1:5 000 000) thematic resource maps have been prepared for Alberta. When ordering specify the map code in brackets.

Agricultural Equipment Manufacturing 1977 (C59)
Airlines 1982 (C25)
Alberta Base (C1)
Alberta Canada (C3)
Alberta in the World (C2)
Alberta Physical (C4)
Alfalfa and Peat Moss Processing 1982 (C60)
Art Galleries 1983 (C26)
Artificial Insemination of Livestock 1982 (C61)
Average Frost Free Days (C6)
Barley 1981 (C47)
Bedrock Geology (C7)
Breweries, Distilleries, Malthouses, and Wineries 1983 (C62)
Campsites and Ski Areas 1983 (C27)
Census Divisions, Municipalities 1981 (15)
Canola 1981 (C48)
Cattle and Calves 1981 (C54)

Cattle and Calves 1981 (C54)
Coal 1982 (C28)
Confectionery Processing 1983 (C63)
Dairy Manufacturing 1982 (C64)
Drainage Basin (C8)
Driving Times and Distances to Alberta 1980 (C30)
Egg Grading, Packing and Processing 1983 (C65)
Electric System 1983 (C31)
Flaxseed 1981 (C49)
Feed Mills 1983 (C66)
Fertilizer and Agricultural Chemical Manufacturing 1983 (C67)
Flour Mills and Vegetable Oil Processing 1983 (C68)
Food Processing 1983 (C69)
Forest Resources (Areas and Mills) 1982 (C32)
Forest Resources (Potential Annual Yield) 1980 (C33)
Fruit and Vegetable Dealers and Wholesalers 1982 (C70)
Greenhouses 1982 (C71)
Health Units 1977 (C16)
Hogs 1981 (C55)
Honey Processing and Sugar Refining 1983 (C72)
Hospitals 1977 (C17)
Landsat 1,2,3 Index (C34)
Landsat 4 Index (C35)
Main Pipe Lines, Refineries, and Gas Plants 1982 (C36)
Major Performing Arts Theatre 1983 (C37)
Major Physiographic Divisions (C5)
Major Seed Companies 1982 (C73)
Mean Annual River Discharges (C9)
Meat Processing 1983 (C74)
Metallic Minerals
Milk Cows 1981 (C56)
Minerals For Chemical and Metallurgical Industries 1982 (39)
Minerals For Construction Materials Industries 1982 (C40)
Movement of Coal (Canada) 1981 (C29)
Movements of Oil and Gas (Canada) 1981 (C41)
Museums and Archives 1983 (C42)
National and Provincial Parks 1982 (C43)
Oats For Grain 1981 (C50)
Oil, Gas, and Oil Sands 1982 (C44)
Planning Regions 1982 (C18)
Population Distribution 1981 (C19)
Population 1000 and Over 1982 (C20)
Population 500 to 999 1981 (C21)
Population 300 to 499 1981 (C22)
Population 200 to 299 1981 (C23)
Population 100 to 199 1981 (C24)
Potato Growers 1983 (C75)
Potatoes and Vegetables 1982 (C76)
Poultry 1981 (C57)
Poultry Hatcheries 1982 (C77)
Poultry Processing 1983 (C78)
Precipitation (C10)
Public Libraries 1982 (C45)
Rye 1981 (C51)
Seed Cleaning 1982 (C79)
Sheep and Lambs 1981 (C58)
Snowfall (C11)
Soils (C12)
Sunshine (C13)
Tame Hay 1981 (C52)
Temperature (C14)
Transportation 1982 (C46)
Vegetable Growers 1983 (C80)
Vegetable Processing 1982 (C81)
Veterinarians 1983 (C82)

Wheat 1981 (C53)

For related information refer to "National Atlas of Canada" on page 164.

FILE SIZE : 82 maps

PROJECT DURATION : 1976-

SOURCE : Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping.

LOCATION : Thematic resource maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

BASELINE PLANS

DETAILS : A baseline is a surveyed line running east-west along the boundary between two adjacent townships. The 1st baseline runs along the 49th parallel at the base of Township 1 and occur every four townships after (ie. along the base of township 5, 9 , 13 etc.). These plans are only issued where adjacent north-south townships are both unsurveyed. If one of the two are surveyed, the surveyed township plan provides the baseline information and as such a baseline plan is not required.

Each baseline plan indicates a portion of one baseline running across several ranges. In addition to delineating the boundary between adjacent townships, these plans provide the bearings, distances and monuments along the baseline.

For related information refer to "Alberta 1:250 000 Ground Control Survey Maps" on page 83, "East Outline Plans" on page 112, "Interprovincial Boundary Plans and East Outlines" on page 143, "National Topographic System (NTS) Maps" on page 166, "Township Plans" on page 207, and "Alberta Township System Records" on page 305.

FILE SIZE : 157 baseline plans

PROJECT DURATION : 1930-1966

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping.

LOCATION : Baseline plans may be obtained from :

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

BATHYMETRIC SURVEY MAP SERIES

DETAILS : Bathymetric survey maps, indicating relief contours of lake bottoms, have been prepared by Alberta Environment for various Alberta lakes. To determine the availability of specific survey maps consult **Alberta Lakes and Reservoirs Reference Index 1980** available from Alberta Environment, Technical Services Divison.

For related information refer to "Lake Study Brochure Series" on page 251, "Restoration of Water Levels in Cooking and Hasting Lakes" on page 284, "Lake Level Manual File" on page 324, "Lake and Reservoir Area and Capacity Manual File" on page 325, "Lake and Stream Manual Files" on page 325, and "Surface Water Data - Alberta (Manual File)" on page 366.

FILE SIZE : 244 lake maps

PROJECT DURATION : 1958-

SOURCE : Technical Services Division, Alberta Environment.

LOCATION : For information regarding availability of maps contact:

Records Centre
Technical Services Division
Alberta Environment
10th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6298

BEDROCK GEOLOGY - GEOLOGICAL SURVEY OF CANADA

DETAILS : A collection of bedrock geology maps illustrating the distribution, lithology, age and structure (attitude) of rock formations at or near the surface.

For related information refer to "Bedrock Geology - Alberta Research Council" on page 104, "Bedrock Topography - Alberta Research Council" on page 108, "Energy Resources Conservation Board (ERCB) Maps" on page 117, "Alberta Research Council Bulletins" on page 220, "Alberta Research Council Earth Sciences Reports" on page 221, "Alberta Research Council Open File Reports" on page 223, "Geological Survey of Canada Publications" on page 241, "Bentonites and Limestones Manual File" on page 307, and "Urban Geology Manual File" on page 369.

FILE SIZE : 165 maps.

PROJECT DURATION : 1929-

SOURCE : Department of Energy, Mines and Resources, Geological Survey of Canada.

LOCATION : Geological Survey of Canada maps may be obtained from:

Publications and Air Photo Section
Institute of Sedimentary and Petroleum Geology
Geological Survey of Canada
Energy Mines and Resources
3303-33rd Street, N.W.
Calgary, Alberta
T2L 2A7 (403) 284-0354

or

Publications Department
Geological Survey of Canada
601 Booth Street
Ottawa, Ontario
K1A 0E8 (613) 995-4342

Number on Index Map **Description**

1. Mountain Park; B.R. Mackay, 1929. Map 208A, scale 1:63 360. See No. 127. (NTS 83C/14).

2. Cadomin; B. R. Mackay, 1929. Map 209A, scale 1:63 360. See No. 123. (NTS 83F/3).

3. Turner Valley; G. S. Hume, 1931. Map 257A, scale 1:63 360. See No. 152. (NTS 82J/9).

4. Turner Valley (southwest quarter); G.S. Hume, 1931. Map 261A, scale 1:31 680. See No. 152. (NTS 82J).

5. Turner Valley (northwest quarter); G.S. Hume, 1931. Map 262A scale 1:31 380. See No. 152. (NTS 82J).

6.
   a. Jumpingpound Creek (east half); N.C. Ollerenshaw, 1976. Map 1419A, scale 1:50 000. (NTS 82O/2E).
   b. Jumpingpound Creek (west half); N.C. Ollerenshaw, 1976. Map 1420A, scale 1:50 000. (NTS 82O/2W).

7. Canmore (north portion); B.R. MacKay, 1935. Map 322A, scale 1:9600. (NTS 82O).

8. Canmore (south portion); B.R. MacKay, 1935. Map 323A, scale 1:9600. (NTS 82O).

9. Wildcat Hills (northwest quarter); G.S. Hume, 1936. Map 325A, scale 1:31 380. Accompanies G.S.C. Memoir 188. (NTS 82O). See No. 28.

10. Wildcat Hills (west half); N.C. Ollerenshaw, 1972. Map 1351A, scale 1:50 000. (NTS 82O/7).

11. Hardisty; P.S. Warren and G.S. Hume, 1939. Map 502A, scale 1:253 440. See Memoir 232. (NTS 73D).

12. Del Bonita area; L.S. Russell, 1937. Map 37-10, scale 1:31 680 See Memoir 221. (NTS 82H).

13. Taber district; L.S. Russell and J.C. Sproule, 1937. Map 37-14, scale 1:63 360. See Memoir 221. (NTS 82H).

14. Ribstone Creek; P.S. Warren and G.S. Hume, 1939. Map 501A, scale 1:253 440. See Memoir 232. (NTS 73D).

15. Stettler; R.L. Rutherford, 1939. Map 503A, scale 1:253 440. (NTS 83A East 1/2).

16. Red Deer; R.L. Rutherford, 1939. Map 504A, scale 1:253 440. (NTS 83A West 1/2).

17. Tofield; R.L. Rutherford, 1939. Map 505A, scale 1:253 440. (NTS 83H East 1/2).

18. Edmonton; R.L. Rutherford, 1939. Map 506A, scale 1:253 440. (NTS 83H West 1/2).

19. Fallentimber (east half); B.R. MacKay, 1939. Map 548A, scale 1:63 360. (NTS 82O/10 East).

20.

   a. Fallentimber (west half); B.R. MacKay, 1939. Map 549A, scale 1:63 360. (NTS 82O/10 West).
   b. Fallentimber Creek (west half); N.C. Ollerenshaw, 1974. Map 1367A, scale 1:50 000. (NTS 82O/10).

21. Taber; L.S. Russell, 1940. Map 565A, scale 1:253 440. Accompanies G.S.C. Memoir 221. (NTS 82H).

22. Foremost; L. S. Russell, 1940. Map 566A, scale 1:253 440. Accompanies G. S. C. Memoir 221. (NTS 72E,L).

23. Dunmore; L. S. Russell, 1940. Map 567A, scale 1:253 440. Accompanies G.S.C. Memoir 221. (NTS 72E,L).

24. Midnapore; G.S. Hume, 1940. Map 606A, scale 1:63 360. See No. 149. (NTS 82J/16 East).

25. Wapiabi Creek; B.R. MacKay, 1940. Map 40-13, scale 1:31 680 See Paper 58-3. (NTS 83C).

26. Pembina Forks; B.R. MacKay, 1940. Map 40-16, scale 1:31 680 See No. 128 (NTS 83C).

27. Grave Flats; B.R. MacKay, 1940. Map 40-15, scale 1:31 680. See No. 128. (NTS 83C).

28. Wildcat Hills (east half); G.S. Hume and C.O. Hage, 1941. Map 652A, scale 1:63 360. (NTS 82O/7 East).

29. Fish Creek; G.S. Hume, 1941. Map 667A, scale 1:63 360. See No. 149 (NTS 82J/16 West).

30. Bragg Creek, G.S. Hume and H.H. Beach, 1942. Map 654A, scale 1:63 360. See No. 148. (NTS 82J/15 East).

31. Bearberry; H.H. Beach, 1942. Map 670A, scale 1:63 360. (NTS 82O/15 West).

32. Kitscoty; C.H. Crickmay, G.S. Hume and C.O. Hage, 1942. Map 673A, scale 1:253 440. Accompanies G.S.C. Memoir 232. (NTS 73E).

33. Innisfree; C.H. Crickmay, G.S. Hume and C.O. Hage, 1942. Map 674A, scale 1:253 440. Accompanies G.S.C. Memoir 232. (NTS 73E).

34. Moose Mountain; H.H. Beach, 1942. Map 688A, scale 1:63 360. Accompanies G.S.C. Memoir 236. See No. 148. (NTS 82J/15 West).

35. Brooks; J.S. Stewart, 1942. Map 695A, scale 1:253 440. (NTS 72L)

36. Redcliff; J.S. Stewart, 1942. Map 696A, scale 1:253 440. (NTS 72L).

37. Pekisko Creek; G.H. Hume and C.O. Hage, 1942. Map 698A, scale 1:63 360. See No. 154. (NTS 82J/8 West).

38. Marble Mountain; N.C. Ollerenshaw, 1970. Map 7-1969, scale 1:50 000. (NTS 82O/14 East 1/2).

39. Beaver Mines; C.O. Hage, 1943. Map 739A, scale 1:63 360. (NTS 82G/8 East).

40. Bassano; J.S. Stewart, 1943. Map 741A, scale 1:253 440. (NTS 82I).

41. Sexsmith-Bison Lake districts; L.S. Russell, 1943. Preliminary map, scale 1:253 440. G.S.C. Miscellaneous publication. (NTS 83M,N; 84C,D).

42. Foothills belt, central Alberta; B.R. MacKay, 1943. Map 43-3, scale 1:126 720. (NTS 83C,F).

43. Wawa Creek; B.R. MacKay, 1943. Map 43-10, scale 1:31 680. See Paper 58-3. (NTS 83C).

44. Athabasca-Barrhead districts; M. Feniak, 1944. Map 44-6, scale 1:253 440. (NTS 83I,J).

45. Pouce Coupe-Peace River districts; C.H. Crickmay, 1944. Map 44-31, scale 1:126 720. (NTS 83M,84D,93P,94A).

46. Cowley; C.O. Hage, 1945. Map 816A, scale 1:63 360. (NTS 82G/9 East).

47. Pedley; E.J.W. Irish, 1946. Map 838A, scale 1.63 360. (NTS 83F/6 West 1/2).

48. Tay River; J.F. Henderson, 1946. Map 840A, scale 1:63 360. (NTS 83B/3 West).

49. Dyson Creek; C.O. Hage, 1946, Map 827A, scale 1:63 360. See No. 151. (NTS 82J/10 East).

50. Entrance; A.H. Lang, 1946. Map 843A, scale 1:63 360. Accompanies G.S.C. Memoir 244. (NTS 83F/5 East).

51. Fall Creek; J.F. Henderson, 1946. Map 883A, scale 1:63 360. (NTS 83B/4 East).

52. Cripple Creek; O.A. Erdman, 1946. Map 46-22, scale 1:31 680 (NTS 83B).

53. Alexo; G.P. Crombie and O.A. Erdman, 1947. Map 884A, scale 1:63 360. Accompanies G.S.C. Memoir 254. (NTS 83B/5 West).

54. Saunders; O.A. Erdman, 1947. Map 885A, scale 1:63 360. Accompanies G.S.C. Memoir 254 (NTS 83B/5 East).

55. Gregg Lake; E.J.W. Irish, 1947. Map 899A, scale 1:63 360. (NTS 83F/12 West).

56. Brule; A.H. Lang, 1947. Map 905A, scale 1:63 360. Accompanies G.S.C. Memoir 244. (NTS 83F/5 West).

57. Stimson Creek (east half); G.S. Hume, 1949. Map 934A, scale 1:63 360. See No. 154 (NTS 82J/8 East).

58. Moberly Creek; A.H. Lang, 1949. Map 963A, scale 1:63 360. (NTS 83E/9 East).

59. Moon Creek; E.J.W. Irish, 1949. Map 968A, scale 1:63 360. (NTS 83E/9 West).

60. Gap; R.J.W. Douglas, 1949. Map 978A, scale 1:63 360. Accompanies G.S.C. Memoir 255 reprinted as Memoir 402. (NTS 82G/16 West).

61. Langford Creek; R.J.W. Douglas, 1949. Map 981A, scale 1:63 360. Accompanies G.S.C. Memoir 255 reprinted as Memoir 402. (NTS 82J/1 East).

62. Callum Creek; G. Shaw and R.J.W. Douglas, 1949. Map 982A, scale 1:63 360. Accompanies G.S.C. Memoir 255 reprinted as Memoir 402. (NTS 82G/16 East).

63. Cardston; E.P. Williams, 1949. Map 49-3, scale 1:31 680. (NTS 82H).

64. Pierre-Greys Lakes; A.H. Lang and E.J.W. Irish, 1951. Map 996A, scale 1:63 360. Accompanies G.S.C. Memoir 258. (NTS 83E/15).

65. Pincher Creek; R.J.W. Douglas, 1951. Map 51-22, scale 1:40 000. (NTS 82H).

66. Waterton; R.J.W. Douglas, 1952. Map 52-10, scale 1:47 520.
(NTS 82H).

67. Copton Creek; E.J.W. Irish, 1955. Map 1041A, scale 1:63 360. (NTS 83L/3).

68. Two Lakes; H.R. Greiner, 1955. Map 55-14, scale 1:63 360. (NTS 83L/5).

69. Blairmore; D.K. Norris, 1955. Map 55-18, scale 1:63 360. (NTS 82G/9 West).

70. Nordegg; B.R. MacKay and R.J.W. Douglas, 1956. Map 55-34, scale 1:63 360. (NTS 83C/8).

71. George Creek (east half); R.J.W. Douglas, 1956. Map 55-39, scale 1:63 360. (NTS 83C/10 East).

72. Grande Cache; E.J.W. Irish and R. Thorsteinsson, 1957. Map 1049A, scale 1:63 360. (NTS 83E/14).

73. Mount Head; R.J.W. Douglas, 1958. Map 1052A, scale 1:63 360. Accompanies G.S.C. Memoir 291 (NTS 82J/7 East).

74. Chungo Creek; R.J.W. Douglas, 1958. Map 58-3, scale 1:63 360. (NTS 83C/9).

75. Beehive Mountain; D.K. Norris, 1958. Map 14-1958, scale 1:63 360 (NTS 82J).

76. Livingstone River; D.K. Norris, 1959. Map 5-1958, scale 1:63 360 (NTS 82J/1 West).

77. Carbondale River; D.K. Norris, 1959. Map 5-1959, scale 1:63 360. (NTS 82G/8 West 1/2).

78. Miette; E.W. Mountjoy, 1960. Map 40-1959, scale 1:63 360. (NTS 83F/4).

79. Smoky and Pine Rivers areas; D.F. Stott, 1960. Map 21-1960, scale 1:253 440. Accompanies G.S.C. Paper 60-16. (NTS 83L).

80. Fort Fitzgerald district; G.C. Riley, 1960. Map 12-1960. Scale 1:253 440. (NTS 74L,M).

81. Devonian strata in northeastern Alberta and northwestern Saskatchewan; A.W. Norris, 1963. Accompanies G.S.C. Memoir 313 as Figure 3, scale 1:760 320. (NTS 74C,D,E; 84I,J).

82. Firebag River district; L.P. Tremblay, 1961. Map 16-1961, scale 1:253 440. (NTS 74E,F).

83. Fernie (east half); R.A. Price, 1962. Map 35-1961, scale 1:126 720. Accompanies G.S.C. Paper 61-24. (NTS 82G/ 1,2,7,8,9,10,15

84. Mount Robson; E.W. Mountjoy, 1964. Map 47-1963, scale 1:126 720. See No. 157. (NTS 83E).

85. Adams Lookout; E.J.W. Irish and J. K. Eccles, 1964. Map 1104A, scale 1:63 360. (NTS 83E/10).

86. Limestone Mountain; N.C. Ollerenshaw, 1968. Map 8-1968, scale 1:50 000. Accompanies G.S.C. Paper 68-24. (NTS 82O/14/ West 1/2).

87. Rocky Mountain Foothills, latitudes 53 degrees 30' and 54 degrees 15' (sheet 1); E.J.W. Irish, 1965. Map 1139A, scale 1:126 720. Accompanies G.S.C. Memoir 334. (NTS 83E/ 10,14,15; 83L/3).

88. Rocky Mountain Foothills, latitudes 53 degrees 15' 53 degrees 45 minutes (sheet 2); E.J.W. Irish, 1965. Map 1140A, scale 1:126 720. Accompanies G.S.C. Memoir 334. (NTS 83E,F).

89. Flathead district (east half); R.A. Price, 1965. Map 1154A, scale 1:63 360. (NTS 82G/7 East).

90. Burnt Timber Creek; N.C. Ollerenshaw, 1966. Map 11-1965, scale 1:63 360. (NTS 82O/11).

91. Oyen; E.J.W. Irish, 1967. Map 21-1966, scale 1:253 440. (NTS 72M).

92. Drumheller; E.J.W. Irish, 1967. Map 5-1967, scale 1:253 440. (NTS 82P).

93. Gleichen; E.J.W. Irish, 1968. Map 19-1967, scale 1:253 440. (NTS 82I).

94. Lethbridge; E.J.W. Irish, 1968. Map 20-1967, scale 1:253 440. (NTS 82H).

95. Medicine Hat; E.J.W. Irish, 1968. Map 21-1967, scale 1:253 440. (NTS 72L).

96. Foremost; E.J.W. Irish, 1968. Map 22-1967, scale 1:253 440. (NTS 72E).

97. Panther culmination; N.C. Ollerenshaw, 1968. Map 24-1967, scale 1:63 360. (NTS 82O/6,11).

98. South Saskatchewan River; A.H. Lang, 1965. Map 1165A, Scale 1:1 000 000. (NTS 72).

99. North Saskatchewan River; A.H. Lang, 1965. Map 1163A, scale 1:1 000 000. (NTS 73).

100. Clearwater River; A.H. Lang, 1965. Map 1162A, scale 1:1 000 000. (NTS 74).

101. Hay River; A.H. Lang, 1965. Map 1161A, scale 1:1 000 000. (NTS 84).

102. Canmore (east half); R.A. Price, 1970. Map 1265A, scale 1:50 000. (NTS 82O/3).

103. Canmore (west half); R.A. Price, 1970. Map 1266A, scale 1:50 000. (NTS 82O/3).

104. Barrier Mountain (east half); R.A. Price, 1970. Map 1273A, scale 1:50 000. (NTS 82O/12).

105. Barrier Mountain (west half); R.A. Price, 1970. Map 1274A, scale 1:50 000. (NTS 82O/12).

106.

a. Lake Minnewanka (east half); R.A. Price and N.C. Ollerenshaw, 1971. Map 1347A, scale 1:50 000. (NTS 82O/6).
b. Lake Minnewanka (east half); N.C. Ollerenshaw, 1972. Map 1271A, scale 1:50 000. (NTS 82O/6).*

107. Lake Minnewanka (west half); R.A. Price and N.C. Ollerenshaw, 1971. Map 1272A, scale 1:50 000. (NTS 82O/6).

108. Scalp Creek (east half); R.A. Price and N. C. Ollerenshaw, 1971. Map 1275A, scale 1:50 000. (NTS 82O/13).

109. Scalp Creek (west half); R.A. Price and N.C. Ollerenshaw, 1971. Map 1276A, scale 1:50 000. (NTS 82O/13).

110. Southern Plains of Alberta; E.J.W. Irish, 1971. Map 1286A, scale 1:500 000. (NTS 72E,L,M: 82H,I,P).

111. Banff (east half); R.A. Price and E.W. Mountjoy, 1972, Map 1294A, scale 1:50 000. (NTS 82O/4).

112. Banff (west half); R.A. Price and E.W. Mountjoy, 1972. Map 1295A, scale 1:50 000. (NTS 82O/4).

113. Mount Eisenhower (east half); R.A. Price and E.W. Mountjoy, 1972. Map 1296A, scale 1:50 000. (NTS 82O/5).

114. Mount Eisenhower (west half); R.A. Price and E.W. Mountjoy, 1972. Map 1297A, scale 1:50 000. (NTS 82O/5).

115. Whiterabbit Creek (east half); E.W. Mountjoy and R.A. Price, 1975. Map 1388A, scale 1:50 000. (NTS 83C/1 East).

116. Whiterabbit Creek (west half); E.W. Mountjoy and R.A. Price, 1975. Map 1389A, scale 1:50 000. (NTS 83C/1 West).

117. Calgary; N.C. Ollerenshaw, 1975. Scale 1:250 000. Open File 249. See No. 122. (NTS 82O).

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* Out of print.

118. Geology of the Main Ranges of the Rocky Mountains from Vermilion Pass to Blaeberry River and Bow Lake, British Columbia - Alberta; D.G. Cook, 1974. Map 1368A, scale 1:75 000. Accompanies Geological Survey of Canada Bulletin 233. See No. 143 and No. 144 (parts of NTS 82N).

119. Rogers Pass (Golden; west half); J.O. Wheeler, 1963. Map 43-1962, scale 1:253 440. Accompanies G.S.C. Paper 62-32. (NTS 82N/3-6,11-14).

120. Medicine Lake (east and west halves); E.J. Mountjoy, 1976, scale 1:50 000. Open File 372, unedited; may be viewed by appointment at G.S.C. Library, Calgary (NTS 83C/13).[10]

121. Rocky Mountain House (unpublished portion of 1:250 000 map sheet 83B), scale 1:250 000 (in progress, 1975). (NTS 83B).

122. Calgary; N.C. Ollerenshaw, 1978. Map 1457A, scale 1:250 000. (NTS 82O).

123. Cadomin (east and west halves), scale 1:50 000 (in progress, 1975). See No. 2 and No. 42. (NTS 83F).

124. Rainbow (east and west halves), scale 1:50 000 (in progress, 1975).

125. Jasper; E.W. Mountjoy; R.A. Price, 1984. Open File 1038. Scale 1:50 000 (NTS 83D/16).[10] (in progress, 1975).

126. Edson sections (NTS 83F/1, 2, 7E, 8, 9 and 16), scale 1:250 000 (in progress, 1975). See No. 42 for NTS 83F/1,2.

127. Mountain Park (east and west halves), scale 1:50 000 (in progress, 1975). See No. 1.

128. Pembina Forks (83C/15E) and Grave Flats (83C/15W), scale 1:50 000 (in progress, 1975). See No. 27 and No. 26 respectively.

129. Brown Creek (east and west halves), scale 1:50 000 (in progress, 1975). See No. 42.

130. Amethyst Lakes; E.W. Mountjoy; R.A. Price, 1984. Open File 1075. Scale 1:50 000 (NTS 83D/9).[10]

131. Athabasca Falls (east and west halves), scale 1:50 000 (in progress, 1975).

132. Southesk (east and west halves), scale 1:50 000 (in progress, 1975). See No. 42.

133. George Creek (west half), scale 1:50 000 (in progress, 1975). See No. 42.

134. Fortress Lake (east and west halves), scale 1:50 000 (in progress, 1975).

135. Sunwapta (east and west halves), scale 1:50 000 (in progress, 1975). See No. 42.

136. Job Creek (east and west halves), scale 1:50 000 (in progress, 1975). See No. 42.

137. Clemenceau Icefields (east and west halves), scale 1:50 000 (in progress, 1975).

138. Columbia Icefields (east and west halves), scale 1:50 000 (in progress, 1975).

139. Cline River (east and west halves), scale 1:50 000 (in progress, 1975).

140. Mistaya Lake (east and west halves), scale 1:50 000 (in progress, 1975).

141. Siffleur River (east and west halves), scale 1:50 000. Maps 1465A and 1466A. (NTS 82N/16).

142. Blaeberry River (east and west halves), scale 1:50 000 (in progress, 1975).

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[10] Copies may be obtained from Riley's Datashare International Limited, 1223-31st Avenue, N.E., Calgary, Alberta T2E 7W1.

143. Hector Lake (east and west halves); R.A. Price and E.W. Mountjoy, 1978, scale 1:50 000. Maps 1463A and 1464A. See No. 118. (NTS 82N/9 East 1/2 and West 1/2).

144. Lake Louise (east and west halves); R.A. Price, 1980, scale 1:50 000. Maps 1482A and 1483A. See No. 118. (NTS 82N/08).

145. Mount Goodsir (east and west halves); R.A. Price and E.W. Mountjoy, 1979, scale 1:50 000. Map 1476A and 1477A.

146. Mount Assiniboine (east and west halves), scale 1:50 000 (in progress, 1975).

147. Evans-Thomas Creek (east half) and Spray Lake (west half), scale 1:50 000 (in progress, 1975).

148. Bragg Creek (east half) and Moose Mountain (west half), scale 1:50 000 (in progress, 1975). See No.30 and No.34, respectively.

149. Priddis (east and west halves), scale 1:50 000 (in progress, 1975). See No. 24 and No. 29.

150. Kananaskis Lakes; G.B. Leech, 1979. Open File No. 634, scale 1:126 720. (NTS 82J W/2).[11]

151. Dyson Creek (east half) and Mount Rae (west half), scale 1:50 000 (in progress, 1975). See No. 49.

152. Turner Valley (east and west halves), scale 1:50 000 (in progress, 1975). See No. 4 and No. 5.

153. Mount Head (west half), scale 1:50 000 (in progress, 1975).

154. Stimson Creek (east and west halves), scale 1:50 000 (in progress, 1975). See No. 57 and No. 37.

155. Wapiti (unpublished portion of 1:250 000 NTS 83L), scale 1:250 000 (in progress, 1975). (NTS 83L).

156. Kootenay Lake Map Area, B.C. and Alberta NM11, scale 1:1 000 000. Open File 481, being revised for publication. A.Okulich and R.A. Price.

157. Mount Robson 83E; E.W. Mountjoy, 1980. Map 1499A scale 1:250 000.

158. Golden (east half); H.R. Balkwill, R.A. Price and E.W. Mountjoy, 1979. Map 1496A, scale 1:50 000.

159. Golden (west half); H.R. Balkwell, R.A. Price and E.W. Mountjoy, 1979. Map 1497A, scale 1:50 000.

160. McMurdo (east half); R.A. Price, H.R. Balkwill and E.W. Mountjoy, 1980. Map 1501A, scale 1:50 000.

161. McMurdo (west half); R.A. Price and E.W. Mountjoy, 1979. Map 1502A, scale 1:50 000.

162. Athabasca River; R.A. Price, et al., 1979. Map 1339A, scale 1:1 000 000. (NTS 83).

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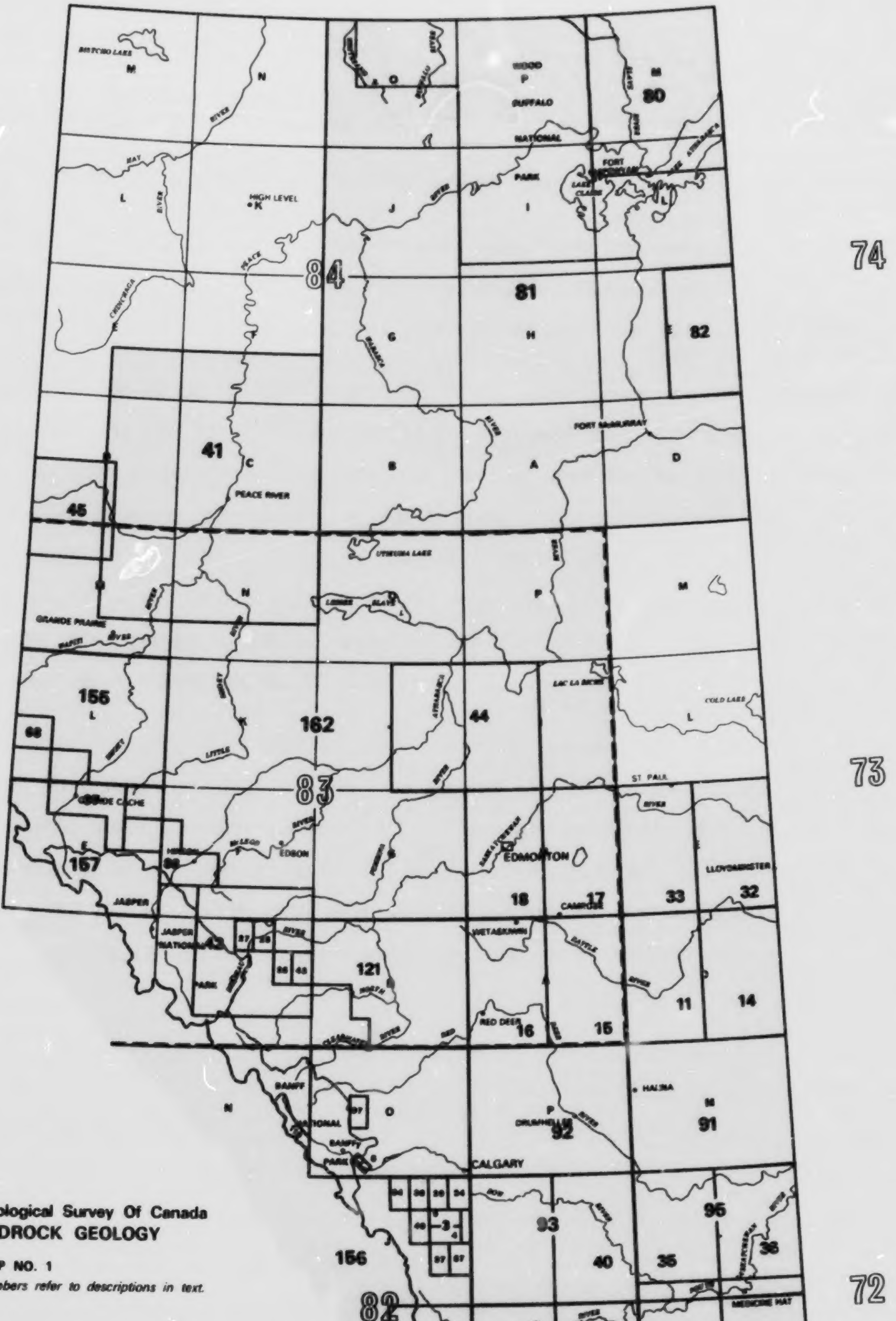
[11] Available from Orhan's Reproductions and Photomapping Ltd., 2616-18th Street, N.E., Calgary, Alberta, T2E 7R1.


74
73
72
84
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HIGH LEVEL
FORT McMURRAY
PEACE RIVER
GRANDE PRAIRIE
EDMONTON
JASPER
BANFF
CALGARY
LETHBRIDGE
MEDICINE HAT
RED DEER
CAMROSE
LLOYDMINSTER
ST PAUL
DRUMHELLER
HANNA
COLEMAN
EDSON
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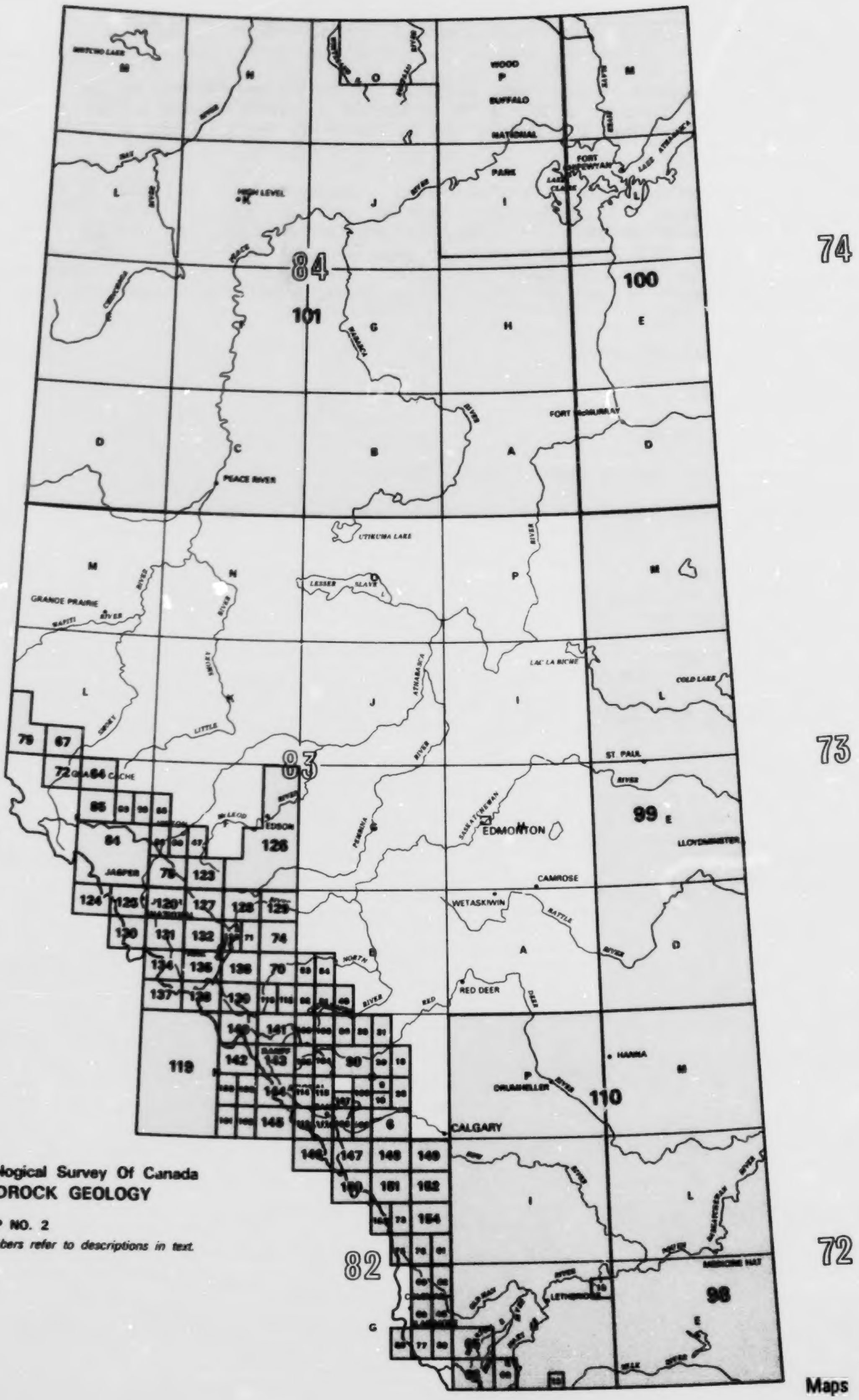
Geological Survey Of Canada
BEDROCK GEOLOGY

MAP NO. 1
Numbers refer to descriptions in text.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83
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101
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119
126
WOOD BUFFALO NATIONAL PARK
HIGH LEVEL
FORT CHIPEWYAN
LAKE ATHABASCA
FORT McMURRAY
PEACE RIVER
UTIKUMA LAKE
LESSER SLAVE L
GRANDE PRAIRIE
WAPITI RIVER
LAC LA BICHE
COLD LAKE
ST. PAUL
EDSON
JASPER
EDMONTON
LLOYDMINSTER
CAMROSE
WETASKIWIN
RED DEER
HANNA
DRUMHELLER
CALGARY
LETHBRIDGE
MEDICINE HAT

Geological Survey Of Canada
BEDROCK GEOLOGY

MAP NO. 2
Numbers refer to descriptions in text.

BEDROCK GEOLOGY - ALBERTA RESEARCH COUNCIL

DETAILS : A series of bedrock geology maps illustrating the distribution, lithology, age and structure (attitude) of rock formations at or near the surface. The distribution of major bedrock formations in Alberta is summarized at a scale of 1:1 267 200 on the **Geological Map of Alberta** (see item 32 following).

For related information refer to "Bedrock Geology - Geological Survey of Canada" on page 95, "Bedrock Topography - Alberta Research Council" on page 108, "Energy Resources Conservation Board (ERCB) Maps" on page 117, "Alberta Research Council Bulletins" on page 220, "Alberta Research Council Earth Sciences Reports" on page 221, "Alberta Research Council Open File Reports" on page 223, "Geological Survey of Canada Publications" on page 241, "Bentonites and Limestones Manual File" on page 307, and "Urban Geology Manual File" on page 369.

FILE SIZE : 33 reports, 47 map sheets.

PROJECT DURATION : 1947-

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Research Council, Alberta Geological Survey.

LOCATION : Bedrock geology **reports and maps** may be obtained from:

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Only those Bedrock Geology maps indicated are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

Number on Index Map	Description
1.	Geology of Andrew Lake, North District, Alberta; John D. Godfrey, 1961. Scale 1:31 680. Accompanies Earth Sciences Report 58-3. (NTS 74M).[13]
2.	Geology of Andrew Lake, South District; John D. Godfrey, 1963. Scale 1:31 680. Accompanies Earth Sciences Report 61-2. (NTS 74M).[13] ,[14]
3.	Geology of St. Agnes Lake District; John D. Godfrey and E.W. Perkert, 1963. Scale 1:31 680. Accompanies Earth Sciences Report 62-1. (NTS 74M).[13]
4.	Geology of Colin Lake District; John D. Godfrey and E.W. Perkert, 1964. Scale 1:31 680. Accompanies Earth Sciences Report 62-2. (NTS 74M).
5.	Geology of Bayonet Lake District; John D. Godfrey, 1966. Scale 1:31 680. Accompanies Earth Sciences Report 65-6. (NTS 74M).[13]
6.	Geology of Ashton Lake District; John D. Godfrey, 1966. Scale 1:31 680. Accompanies Earth Sciences Report 65-6. (NTS 74M).[13]
7.	Geology of Potts-Charles Lakes District; John D. Godfrey, 1966. Scale 1:31 680. Accompanies Earth Sciences Report 65-6. (NTS 74M).
8.	Geology, Alexander Lake District; John D. Godfrey, 1978. Scale 1:31 680. Accompanies Earth Sciences Report 78-1. (NTS 74M).
9.	Geology, Wylie Lake District; John D. Godfrey, 1979. Scale 1:31 680. Accompanies Earth Sciences Report 78-1. (three maps) (NTS 74M).
10.	Geology of the Fort Chipewyan District, Alberta; John D. Godfrey, 1980. Scale 1:31 680. Accompanies Earth Sciences Report 78-3. (four maps) (NTS 74L).
11.	Bedrock Geology, Ryan Lake District; John D. Godfrey et al., 1984. Scale 1:31 680. Accompanies Earth Sciences Report 84-2. (two maps) (NTS 74M).
12.	Bedrock Geology, Fletcher Lake District; John D. Godfrey et al., 1984. Scale 1:31 680. Accompanies Earth Sciences Report 84-2. (two maps) (NTS 74M).
13.	Bedrock Geology, Bocquene Lake District; John D. Godfrey et al., 1984. Scale 1:31 680. Accompanies Earth Sciences Report 84-5. (two maps) (NTS 74M).
14.	Bedrock Geology, Tuttle Lake District; John D. Godfrey et al., 1984. Scale 1:31 680. Accompanies Earth Sciences Report 84-5. (two maps) (NTS 74M).
15.	Bedrock Geology, Myers Lake District; John D. Godfrey et al., 1984. Scale 1:31 680. Accompanies Earth Sciences Report 84-6. (two maps) (NTS 74M).
16.	Bedrock Geology, Daly Lake District; John D. Godfrey et al., 1984. Scale 1:31 680. Accompanies Earth Sciences Report 84-6. (two maps) (NTS 74M).
17.	Bedrock Geology, Fitzgerald District; John D. Godfrey et al., 1984. Scale 1:31 680. Accompanies Earth Sciences Report 84-7. (NTS 74M).
18.	Bedrock Geology, Tulip Lake District; John D. Godfrey et al., 1984. Scale 1:31 680. Accompanies Earth Sciences Report 84-7. (two maps) (NTS 74M).

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[12] Out of print.

[13] Out of print but available on microfiche.

[14] Available from Distribution Services, ENR.

19. Bedrock Geology, Mercredi-Charles Lakes District; John D. Godfrey et al., 1984. Scale 1:31 680. Accompanies Earth Sciences Report 84-7. (two maps) (NTS 74M).

20. Geology of Highwood-Elbow Area; J.A. Allan and J.C. Carr, 1947. Scale 1:63 360. Accompanies Report 49. (NTS 82J).

21. Geology of Ribbon Creek Area; M.B.B. Crockford, 1949. Scale 1:63 360. Accompanies Report 52. (NTS 82J; 82O).

22. Geology of Carbondale River Area; W.H.A. Clow and M.B. Crockford, 1951. Scale 1:63 360. Accompanies Report 59. (NTS 82G).

23. Clay Deposits of Elkwater Area; M.B. Crockford, 1951. Scale 1:63 360. Accompanies Report 61. (NTS 72E).

24. Geology of the Marguerite River District, Alberta; John D. Godfrey, 1970. Scale 1:63 360. (NTS 74E).[14]

25. Geology and Coal Occurrences, Wapiti-Cutbank Area; J.A. Allan and J.L. Carr, 1946. Scale 1:190 000 (approximately). Accompanies Report 48 (NTS 83L,M).

26. Geology of Red Deer and Rosebud Sheets; J.A. Allan and J.O. Sanderson, 1947. Scale 1:253 440. Accompanies Report 13. (NTS 82P: 83A).[13]

27. Geology of the McMurray Formation: Part III General Geology of the McMurray area; 1959. Scale 1:253 440. Accompanies Memoir 1. (NTS 74D,E).[12]

28. Precambrian Geology of the Jasper Region; H.A.K. Charlesworth et al., 1967. Scale 1:250 000. Accompanies Bulletin 23. (NTS 83D).

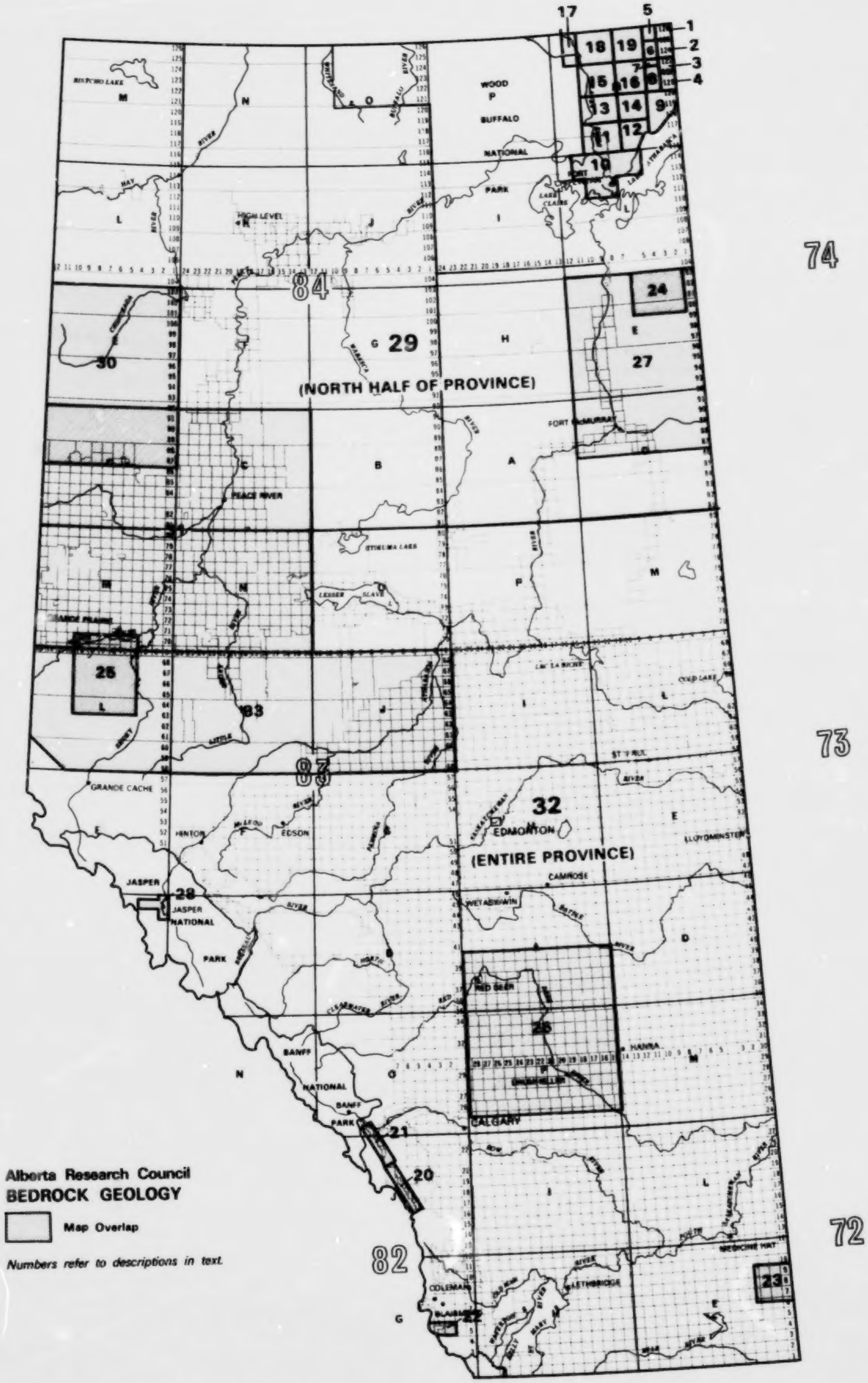
29. Bedrock Geology of Northern Alberta; R. Green, M.A. Carrigy and G.B. Mellon, 1970. Scale 1:500 000. Two map sheets. (NTS 74D,E,L,M: 84).[14]

30. Geology of the Chinchaga River and Clear Hills (north half) Map Areas, Alberta; R. Green and G.B. Mellon, 1962. Scale 1:506 880. Accompanies Earth Sciences Report 62-8. (NTS 84D,E).[13]

31. Geology and groundwater resources of the Peace River District, Northwestern Alberta; J.F. Jones, 1966. Scale 1:506 880. Accompanies Bulletin 16. (NTS 83M,N: 84 C,D).[13]

32. Geological Map of Alberta; compiled by R. Green, 1972. Scale 1:1 267 200 (reprinted 1981).[14]

33. Bedrock Geology, Northwest-Central Alberta; G.B. Mellon, J.W. Kramers and E.J. Seagel, 1972. Scale 1: 1 500 000 (approximately). In Information Series No. 60, pp. 109 - 124.[12]


17
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WOOD
BUFFALO
NATIONAL
PARK
FORT CHIPEWYAN
LAKE CLAIRE
ATHABASCA
HIGH LEVEL
74
84
24
29
(NORTH HALF OF PROVINCE)
27
30
FORT McMURRAY
PEACE RIVER
LESSER SLAVE
GRANDE PRAIRIE
25
83
73
GRANDE CACHE
HINTON
EDSON
32
EDMONTON
(ENTIRE PROVINCE)
LLOYDMINSTER
CAMROSE
WETASKIWIN
JASPER
28
JASPER NATIONAL PARK
LAC LA BICHE
COLD LAKE
RED DEER
26
HANNA
DRUMHELLER
CALGARY
BANFF NATIONAL PARK
BANFF
21
20
82
72
MEDICINE HAT
23
LETHBRIDGE
COLEMAN
22

Alberta Research Council
BEDROCK GEOLOGY

▭ Map Overlap

Numbers refer to descriptions in text.

BEDROCK TOPOGRAPHY - ALBERTA RESEARCH COUNCIL

DETAILS : A series of maps depicting surface topography for the south and central parts of Alberta. The thickness of surficial deposits and the thalwegs of buried valleys are indicated on more recent maps (beginning with No. 9). Considerable information may be obtained from hydrogeological maps of the area in instances where bedrock topography maps are not available.

For related information refer to "Bedrock Geology - Geological Survey of Canada" on page 95, "Bedrock Topography - Alberta Research Council", "East Central Alberta Regional Groundwater Resource Inventory" on page 111, "Energy Resources Conservation Board (ERCB) Maps" on page 117, "Hydrogeology, Miscellaneous Groundwater Geology and Related Maps" on page 134, "Hydrogeological Reconnaissance Map Series" on page 137, "Alberta Research Council Bulletins" on page 220, "Alberta Research Council Earth Sciences Reports" on page 221, "Alberta Research Council Open File Reports" on page 223, "Geological Survey of Canada Publications" on page 241, "Bentonites and Limestones Manual File" on page 307, and "Urban Geology Manual File" on page 369.

FILE SIZE : 27 maps

PROJECT DURATION : 1963-

SOURCE : Alberta Research Council, Geological Survey.

LOCATION : Bedrock topography maps and reports may be obtained from:

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Only those maps indicated map be obtained from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

Number on Index Map	Description
1.	Bedrock Topography of the Edmonton-Red Deer map area, Alberta; R.N. Farvolden, 1963. Scale 1:411 840. Accompanies Bulletin 12 (NTS 83A,H).[16]
2.	Bedrock Topography, Andrew area; E.B. LeBreton, 1963. Scale 1:101 376. Accompanies Bulletin 12 (NTS 83H).[16]
3.	Bedrock Topography of southwestern Alberta; K.W. Geiger, 1965 (reprinted 1969). Scale 1:253 440. Accompanies Report 65-1.[15]

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[15] Out of print.

[16] Out of print but available on microfiche.

[17] Available from Distribution Services, ENR.

4. Bedrock Topography and sand and gravel deposits, Peace River district; J.F. Jones, 1966. Scale 1:506 880. Accompanies Bulletin 16. (NTS 83M,N: 84C,D).[16]

5. Bedrock Topography and surficial aquifers of the Edmonton district; V.A. Carlson, 1967. Four maps, Scale 1:50 000. Accompanies Earth Science Report 66-3. (NTS 83H).[16]

6. Bedrock Topography of the Gleichen map area; K.W. Geiger, 1968. Scale 1:250 000. Accompanies Earth Science Report 67-2. (NTS 82I).

7. Bedrock Topography and surficial aquifers, Edson area; G.M. Gabert and M.A. Roed, 1968. Two maps, Scale 1:50 000 Accompanies Report 68-1. (NTS 83F).[15]

8. Bedrock Topography of the Drumheller map area; V.A. Carlson, 1969. Scale 1:250 000. (NTS 82I).[17]

9. Bedrock Topography of the Medicine Hat map area; V.A. Carlson, 1970. Scale 1:250 000. (NTS 72L).[17]

10. Bedrock Topography of the Oyen map area; V.A. Carlson, 1970. Scale 1:250 000. (NTS 72M).[17]

11. Bedrock Topography of the Wabamun Lake map area; V.A. Carlson, 1971. Scale 1:250 000. (NTS 83G).[17]

12. Bedrock Topography of the Wainwright map area; V.A. Carlson and L.M. Topp, 1972. Scale 1:250 000. (NTS 73D).[17]

13. Bedrock Topography of the Rocky Mountain House area; V.A. Carlson, 1971. Scale 1:250 000. (NTS 83B).[17]

14. Bedrock Topography of the Tawatinaw area; V.A. Carlson, 1977. Scale 1:250 000. (NTS 82J).[17]

15. Bedrock Topography of the Calgary area; D.M. Borneuf. Scale 1:250 000 (in preparation).[17]

16. Bedrock Topography of the Vermilion map area; V.A. Carlson and D.V. Currie, 1974. Scale 1:250 000. (NTS 73E).[17]

17. Bedrock Topography of the Iosegun Lake map area; V.A. Carlson and R. Green. Scale 1:250 000. (NTS 83K).[17]

18. Bedrock Topography of the Whitecourt area; V.A. Carlson and R. Green, 1977. Scale 1:250 000. (NTS 83J).[17]

19.
    a. Bedrock Topography, Edmonton area (N.W. segment); R. Bibby. Scale 1:125 000 (in preparation). (NTS 83H).
    b. Bedrock Topography, Edmonton area (N.E. segment); R. Stein. Scale 1:125 000 (in preparation). (NTS 83H).
    c. Bedrock Topography, Edmonton (S.W. segment); W. Ceroisi. Scale 1:125 000. Report 78-5 (in manuscript). (NTS 83H).
    d. Bedrock Topography, Edmonton (S.E. segment); R. Stein and V.A. Carlson. Scale 1:125 000 (in preparation). (NTS 83H).

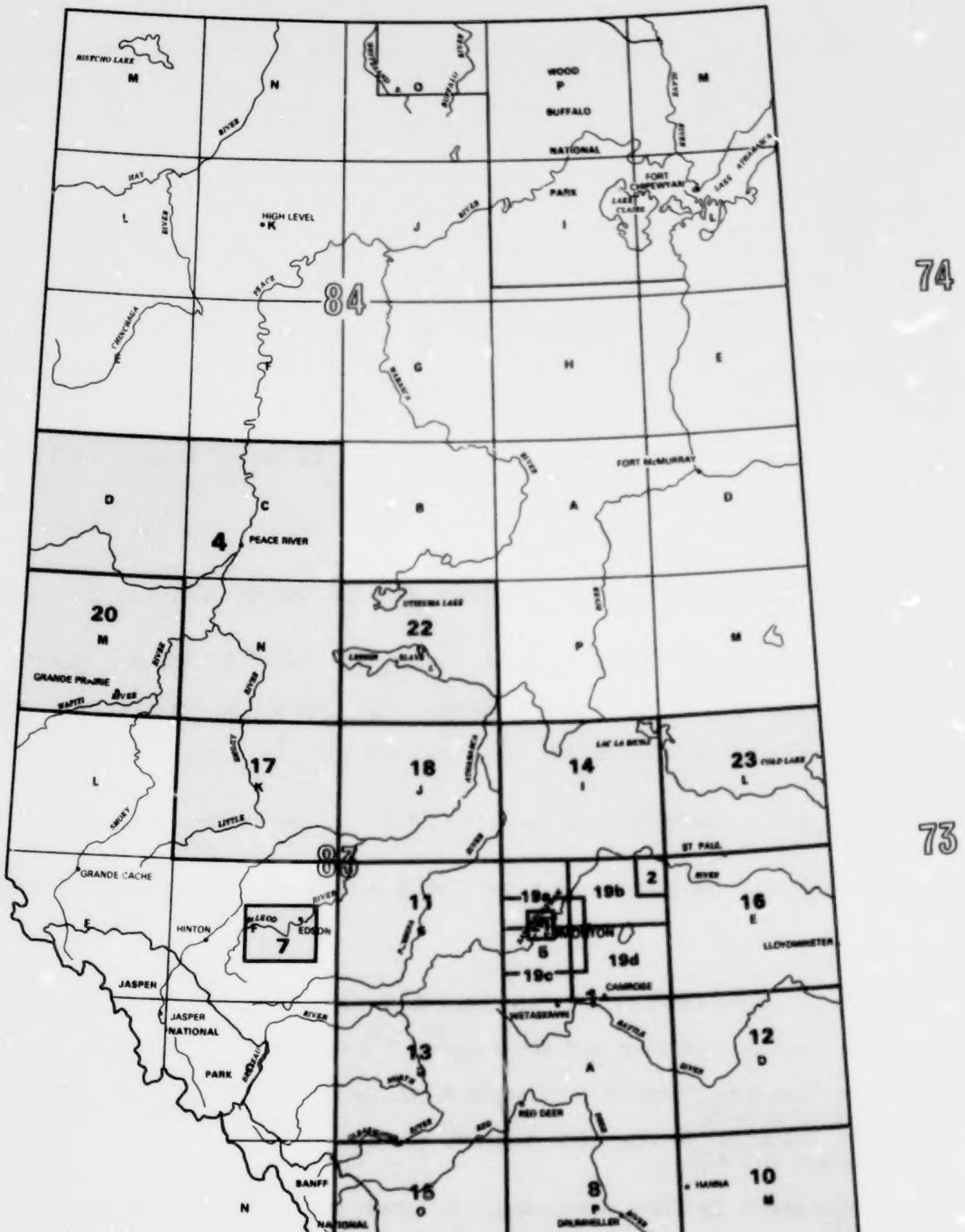
20. Bedrock topography of the Grande Prairie area; V.A. Carlson and D. Hackbarth, 1974. Scale 1:250 000. (NTS 83M).[17]

21. Bedrock Topography and preglacial thalwegs in the Edmonton area; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Accompanies Bulletin 32 as Figure 20 (NTS 83H).

22. Bedrock Topography of the Lesser Slave Lake map area; R.I.J. Vogwill. Scale 1:250 000. (NTS 83O).[17]

23. Bedrock Topography of Sand River Map Area NTS 73L, Alberta; M. Fenton and L. Andriashek, 1983. Scale 1:250 000 (in preparation).

24. Bedrock Topography of Alberta; D.M. Borneuf. Scale 1:2 000 000 (in preparation).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LAKE CLAIRE
LAKE ATHABASCA
84
PEACE
CHINCHAGA
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WABASCA
RIVER
FORT McMURRAY
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LITTLE
ATHABASCA
83
GRANDE CACHE
ST PAUL
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19a
19b
16
E
HINTON
McLEOD
EDSON
F
7
11
PEMBINA
G
5
EDMONTON
19d
19c
LLOYDMINSTER
JASPER
CAMROSE
1
WETASKIWIN
JASPER
NATIONAL
PARK
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BATTLE
RIVER
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NORTH SASKATCHEWAN RIVER
RED DEER
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DRUMHELLER
HANNA
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COLEMAN
BLAIRMORE
OLDMAN
LETHBRIDGE
SOUTH SASKATCHEWAN
MEDICINE HAT
MILK RIVER
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G
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Alberta Research Council
BEDROCK TOPOGRAPHY

Numbers refer to descriptions in text

COAL DISPOSITION MAP SERIES

DETAILS : A series of maps indicating coal dispositions within the province are available at a scale of 1:125 000.

For related information refer to "Energy Resources Conservation Board (ERCB) Maps" on page 117, "Land Classification Regions for Coal Exploration and Development in Alberta" on page 151, "Coal Exploration Permit File" on page 314, and "Energy Resources Conservation Board (ERCB) Computer Files" on page 317.

FILE SIZE : 194 map sheet

PROJECT DURATION : 1958 -

FREQUENCY OF UPDATE : Daily

SOURCE : Alberta Energy and Natural Resources, Minerals Support Branch.

LOCATION : Diazo copies available from:

Minerals Support Branch
Mineral Resources Division
Alberta Energy and Natural Resources
12th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7704

EAST CENTRAL ALBERTA REGIONAL GROUNDWATER RESOURCE INVENTORY

DETAILS : Information from wells drilled by the water or oil and gas industies has been collected for the east central area of Alberta. Index maps are produced (NTS 73 L,M; 74D; 83 O,P; 84 A,B), along with appropriate cross-sections and bedrock topography maps, indicating glacial and preglacial channels, and hence the most likely fresh water aquifer locations.

For related information refer to "Bedrock Topography - Alberta Research Council" on page 108, "Energy Resources Conservation Board (ERCB) Maps" on page 117, "Hydrogeology, Miscellaneous Groundwater Geology and Related Maps" on page 134, "Hydrogeological Reconnaissance Map Series" on page 137, "Groundwater Reports and Bibliography" on page 244, "Northern Water Supply Program" on page 275, "Central Groundwater Data Manual File" on page 308, "Springs of Alberta Computer File" on page 365, "Urban Geology Manual File" on page 369, and "Water Well Information Manual File (Earth Sciences Division)" on page 373.

FILE SIZE : 5000 (Est.)

PROJECT DURATION : 1980-

SOURCE : Earth Sciences Division, Alberta Environment.

LOCATION : Information is available from:

Alberta Environment
Earth Sciences Division
14th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-6182

EAST OUTLINE PLANS

DETAILS : An east outline plan is similar to a baseline plan except that they run north-south between two adjacent townships and delineate the east-west boundary between the townships. As with baseline plans, the east outline plans detail bearings, distances and monuments. These plans are only available for those areas where adjacent townships have not been surveyed. They are available for most of the 4th, 5th and 6th meridians, but are not available for regular intervals between meridians.

For related information refer to "Alberta 1:250 000 Ground Control Survey Maps" on page 83, "Baseline Plans" on page 93, "Interprovincial Boundary Plans and East Outlines" on page 143, "National Topographic System (NTS) Maps" on page 166, "Township Plans" on page 207, and "Alberta Township System Records" on page 305.

FILE SIZE : 73 east outline plans

PROJECT DURATION : 1930-1954

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping.

LOCATION : East outline plans may be obtained from :

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

ECOLOGICAL (BIOPHYSICAL) LAND CLASSIFICATION OF BANFF AND JASPER NATIONAL PARKS

DETAILS : This ecological study of the Banff and Jasper National Parks areas is presented in three volumes: Volume I - Summary; Volume II - Soil and Vegetation Resources; Volume III - The Wildlife Inventory. Summary information is presented on the 24 maps included in this report.

For related information refer to "Land Classification Studies - Ecological" on page 152.

FILE SIZE : 24 maps

PROJECT DURATION : 1982-1983

FREQUENCY OF UPDATE : N/A

SOURCE : Environment Canada, Canadian Wildlife Service; Agriculture Canada, Land Resource Research Institute; and the Alberta Institute of Pedology.

LOCATION : Copies are available from:

Faculty of Extension
Corbett Hall
University of Alberta
82nd Avenue and 112th Street
Edmonton, Alberta
T6G 2G4 (403) 432-3029

Or for viewing at:

Northern Forest Research Centre
Canadian Forestry Service
5320-122nd Street
Edmonton, Alberta
T6H 3S5 (403) 435-7210

ELECTORAL DISTRICT MAPS - FEDERAL

DETAILS : A 1:1 000 000 federal electoral divisions map is available for all of Alberta. Various Calgary and Edmonton maps are available at a scale of 1:25 000. Maps are also available for the following communities.

Athabasca
Bow River
Crowfoot
Lethbridge
Medicine Hat
Peace River
Pembina
Red Deer
Vegreville
Wetaskiwin
Yellowhead

For related information refer to "Alberta 1:750 000 Provincial Map Series" on page 87, "Alberta 1:2 500 000 Provincial Map Series" on page 90, and "Electoral Divisions Map - Provincial" on page 115.

FILE SIZE : 22 maps

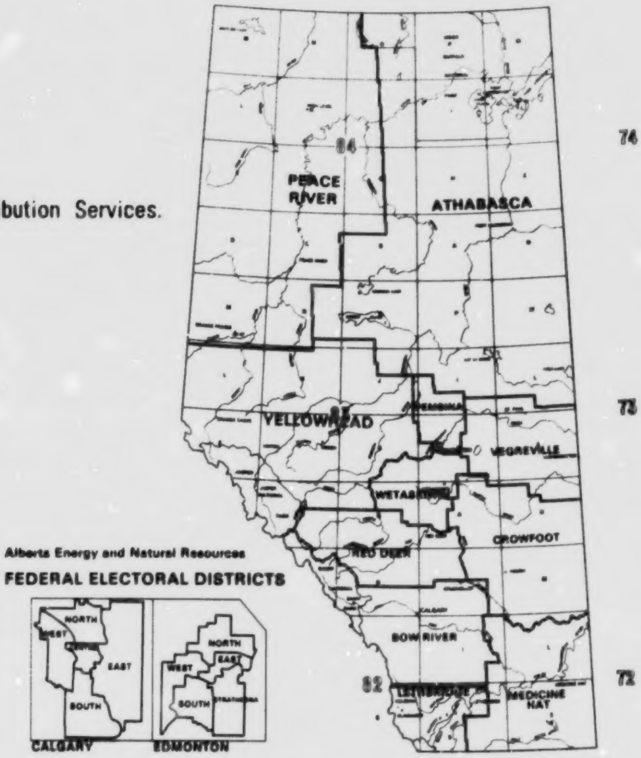
PROJECT DURATION : Periodically

SOURCE : Department of Energy, Mines and Resources, Surveys and Mapping Branch.

LOCATION : Alberta, Calgary and Edmonton maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

The other electoral maps may be ordered through Distribution Services.


Alberta Energy and Natural Resources
FEDERAL ELECTORAL DISTRICTS
84
PEACE RIVER
ATHABASCA
74
YELLOWHEAD
PEMBINA
83
73
VEGREVILLE
WETASKIWIN
RED DEER
CROWFOOT
BOW RIVER
82
LETHBRIDGE
MEDICINE HAT
72
NORTH
WEST
CENTRE
EAST
SOUTH
CALGARY
NORTH
EAST
WEST
SOUTH
STRATHCONA
EDMONTON

ELECTORAL DIVISIONS MAP - PROVINCIAL

DETAILS : Maps are available at scales of 1:750 000 and 1:2 500 000 showing the full province. Maps at scales of 1:40 000, 1:25 000 or 1:20 000 are available for the cities of Edmonton, Calgary, Lethbridge, Medicine Hat and Red Deer.

For related information refer to "Alberta 1:750 000 Provincial Map Series" on page 87, "Alberta 1:2 500 000 Provincial Map Series" on page 90, and "Electoral District Maps - Federal" on page 114.

FILE SIZE : 7 maps

PROJECT DURATION : 1977-

FREQUENCY OF UPDATE : Periodically

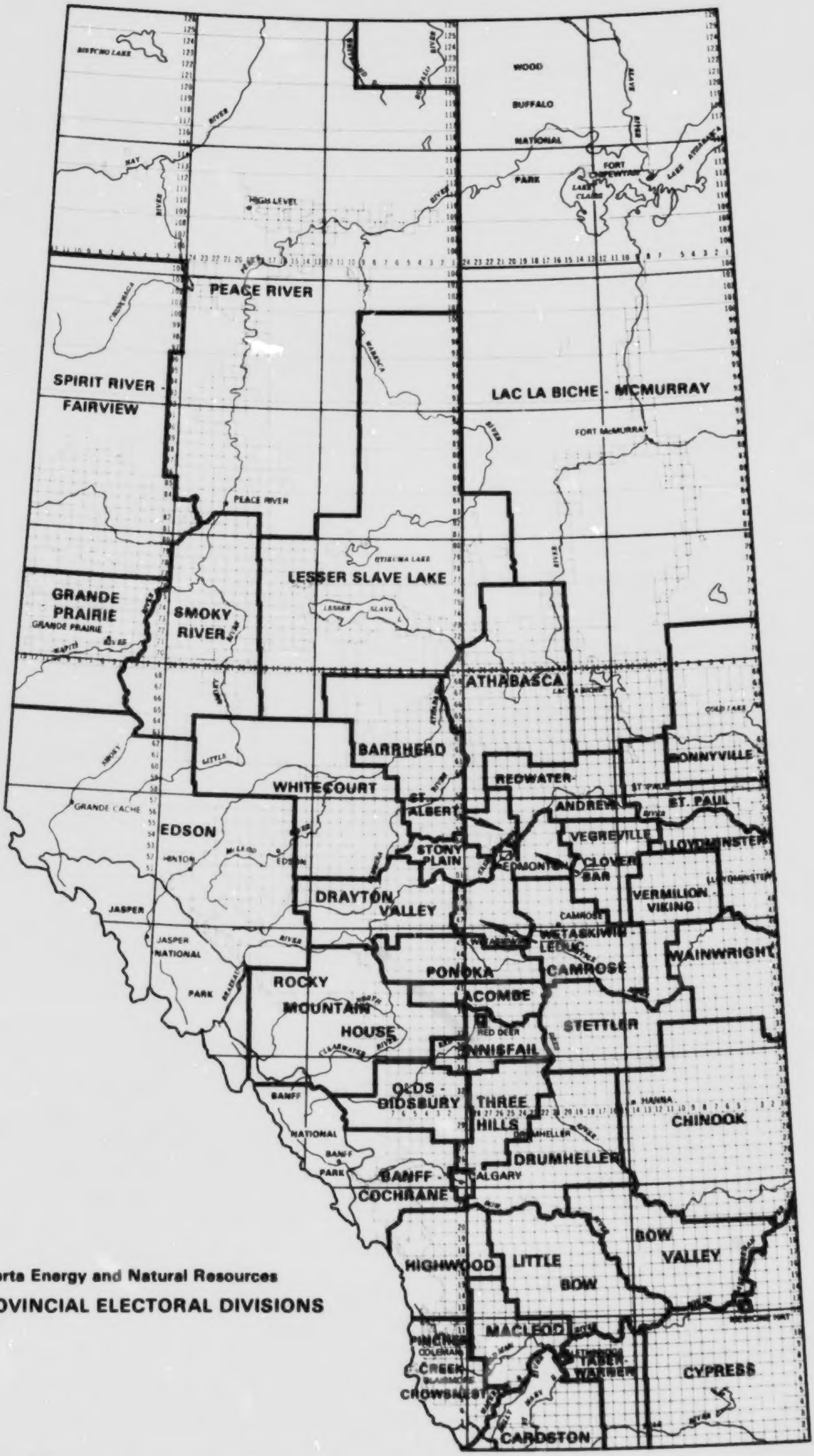
SOURCE : Legislative Assembly of Alberta, Chief Electoral Office.

LOCATION : Maps are available from:

Legislative Assembly
Chief Electoral Office
12220 Stony Plain Road
Edmonton, Alberta
T5N 3Y4 (403) 427-1037

or

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520


WOOD
BUFFALO
NATIONAL
PARK
FORT CHIPEWYAN
LAKE ATHABASCA
BISTCHO LAKE
HIGH LEVEL
PEACE RIVER
SPIRIT RIVER - FAIRVIEW
LAC LA BICHE - MCMURRAY
FORT McMURRAY
PEACE RIVER
LESSER SLAVE LAKE
UTIKUMA LAKE
GRANDE PRAIRIE
GRANDE PRAIRIE
SMOKY RIVER
ATHABASCA
LAC LA BICHE
COLD LAKE
BARRHEAD
BONNYVILLE
WHITECOURT
REDWATER-
ST. ALBERT
ANDREW
ST. PAUL
GRANDE CACHE
EDSON
VEGREVILLE
LLOYDMINSTER
STONY PLAIN
EDMONTON
CLOVER BAR
HINTON
EDSON
JASPER
DRAYTON VALLEY
VERMILION - VIKING
CAMROSE
WETASKIWIN - LEDUC
JASPER NATIONAL PARK
PONOKA
CAMROSE
WAINWRIGHT
ROCKY MOUNTAIN HOUSE
LACOMBE
RED DEER
STETTLER
INNISFAIL
OLDS - DIDSBURY
THREE HILLS
HANNA
CHINOOK
BANFF NATIONAL PARK
DRUMHELLER
DRUMHELLER
BANFF - COCHRANE
CALGARY
HIGHWOOD
LITTLE BOW
BOW VALLEY
MACLEOD
MEDICINE HAT
PINCHER CREEK
COLEMAN
BLAIRMORE
CROWSNEST
TABER - WARNER
CYPRESS
CARDSTON

Alberta Energy and Natural Resources

PROVINCIAL ELECTORAL DIVISIONS

ENERGY RESOURCES CONSERVATION BOARD (ERCB) MAPS

DETAILS : The Board makes available a large selection of maps related to energy resource development in Alberta. Maps are usually issued as ozalid prints and a minimal fee is usually applied. The following maps are available from the ERCB:

For related information refer to "Alberta 1:1 000 000 Provincial Map Series" on page 88, "Alberta 1:1 500 000 Provincial Map Series" on page 89, "Bedrock Geology - Geological Survey of Canada" on page 95, "Bedrock Geology - Alberta Research Council" on page 104, "Bedrock Topography - Alberta Research Council" on page 108, "Coal Disposition Map Series" on page 111, "Land Classification Regions for Coal Exploration and Development in Alberta" on page 151, "Oil and Gas Area Map Series" on page 168, "Oil Sands Area Maps" on page 170, "Alberta Research Council Bulletins" on page 220, "Alberta Research Council Earth Sciences Reports" on page 221, "Alberta Research Council Information Series" on page 222, "Arctic Gas Biological Report Series" on page 225, "Hydroelectric Power Output" on page 246, "Syncrude Professional Papers" on page 293, "Coal Exploration Permit File" on page 314, "Energy Resources Conservation Board (ERCB) Computer Files" on page 317, "Mineral Exploration Sample Storage Manual File" on page 328, "Mineral Agreement Information System (MAIS)" on page 327, and. "Natural Resources and Land-Related Data Bases" on page 330,

1. **Oil, Gas and Pipeline Maps**

   a. Designated oil and gas fields and oil sands deposits, main pipelines, refineries, and gas processing plants, Alberta; 1980. Scales 1:1 250 000 and 1:2 500 000.
   b. Gas strike areas map, Alberta; 1981. Scale 1:750 000.

2. **Pipeline Maps**

   a. Main high vapour pressure pipelines in Alberta. Updated Annually. Scale 1:750 000.
   b. Oil and gas fields and main pipelines in Alberta. Revised monthly. Scale 1:750 000.
   c. Main gas pipelines in Alberta. Revised monthly. Scale 1:750 000.
   d. Main oil and gas pipelines in the Edmonton area. May 1984. Scale 1:40 000.[18]

3. **Coal Maps**

   a. Coal fields, deposits and mines in Alberta. 1983. Scale 1:2 500 000.
   b. Aerial extent of major coal zones in the plains region of Alberta. 1983. Scale 1:2 500 000.
   c. Surface mineable coal in the Plains region of Alberta, north half. 1983. Scale 1:500 000.
   d. Surface mineable coal in the plains region of Alberta, south half. 1983. Scale 1:500 000.
   e. Major coal bearing formation in Alberta. 1983. Scale 1:2 500 000.
   f. Potential coal development areas. 1983. Scale 1:750 000.
   g. Coal drill hole locations. 1984. Scale 1:750 000.

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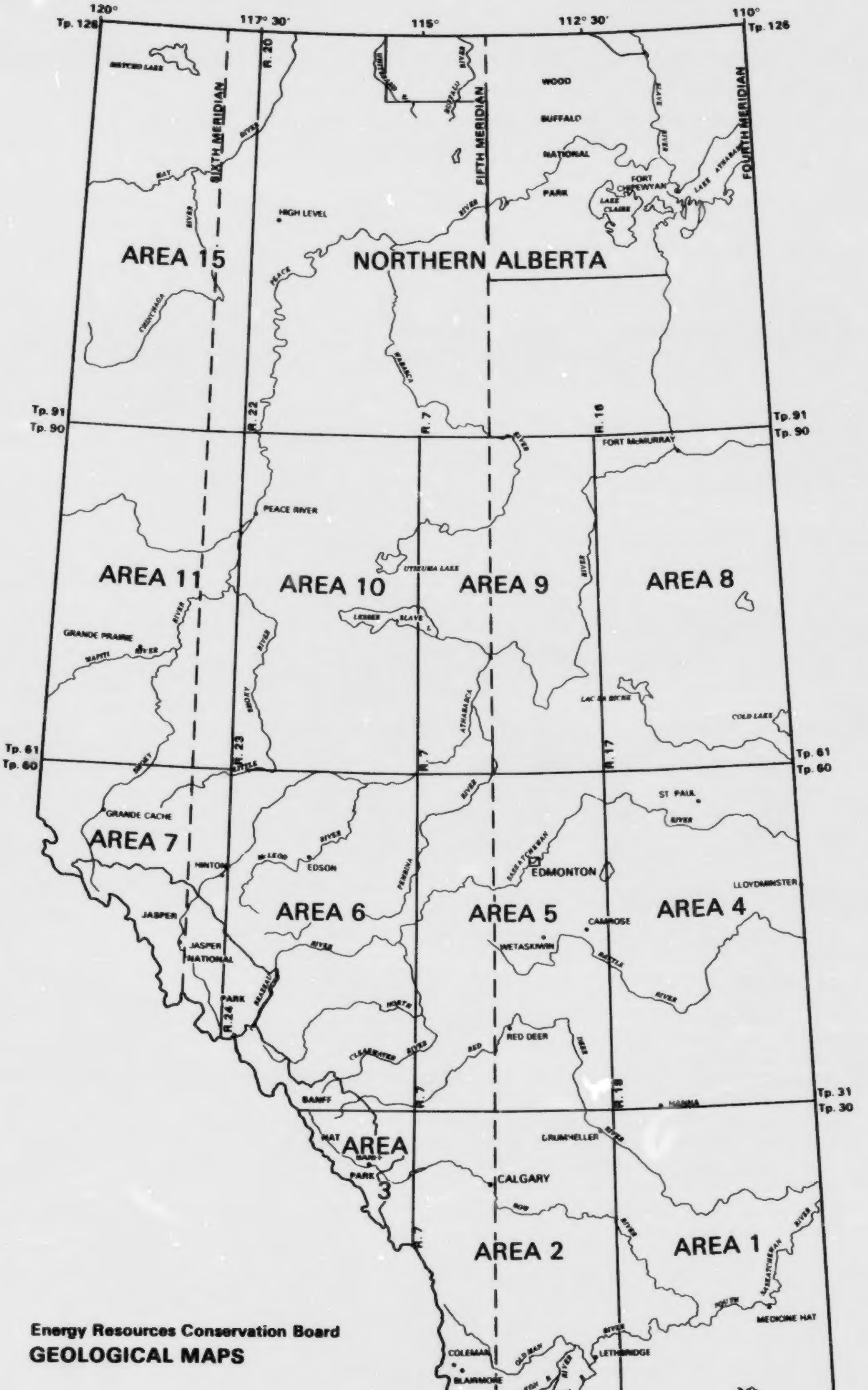
[18] Also available from: The City of Edmonton, Planning Department, 12th Fl., Century Place, 9803-102A Avenue, Edmonton, Alberta, T5J 3A3. Phone (403) 428-2856.



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LAKE CLAIRE
LAKE ATHABASCA
HIGH LEVEL
AREA 15
NORTHERN ALBERTA
PEACE
RIVER
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Tp. 90
Tp. 91
Tp. 90
FORT McMURRAY
PEACE RIVER
UTIKUMA LAKE
AREA 11
AREA 10
AREA 9
AREA 8
LESSER SLAVE L.
GRANDE PRAIRIE
WAPITI RIVER
SMOKY
ATHABASCA
LAC LA BICHE
COLD LAKE
Tp. 61
Tp. 60
Tp. 61
Tp. 60
GRANDE CACHE
AREA 7
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McLEOD RIVER
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PEMBINA
ST PAUL
SASKATCHEWAN
EDMONTON
LLOYDMINSTER
JASPER
JASPER NATIONAL PARK
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AREA 5
AREA 4
CAMROSE
WETASKIWIN
BATTLE RIVER
NORTH
CLEARWATER RIVER
RED DEER
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AREA 3
BANFF NATIONAL PARK
DRUMHELLER
CALGARY
BOW
RIVER
AREA 2
AREA 1
SOUTH SASKATCHEWAN RIVER
MEDICINE HAT
COLEMAN
BLAIRMORE
OLDMAN
LETHBRIDGE
WATERTON
BELLY
ST. MARY
MILK RIVER
Tp. 1

Energy Resources Conservation Board
GEOLOGICAL MAPS

4. Geological Maps

(**Note:** Refer to index map of areas for geological maps.)

a. Structure of the Milk River Horizon.

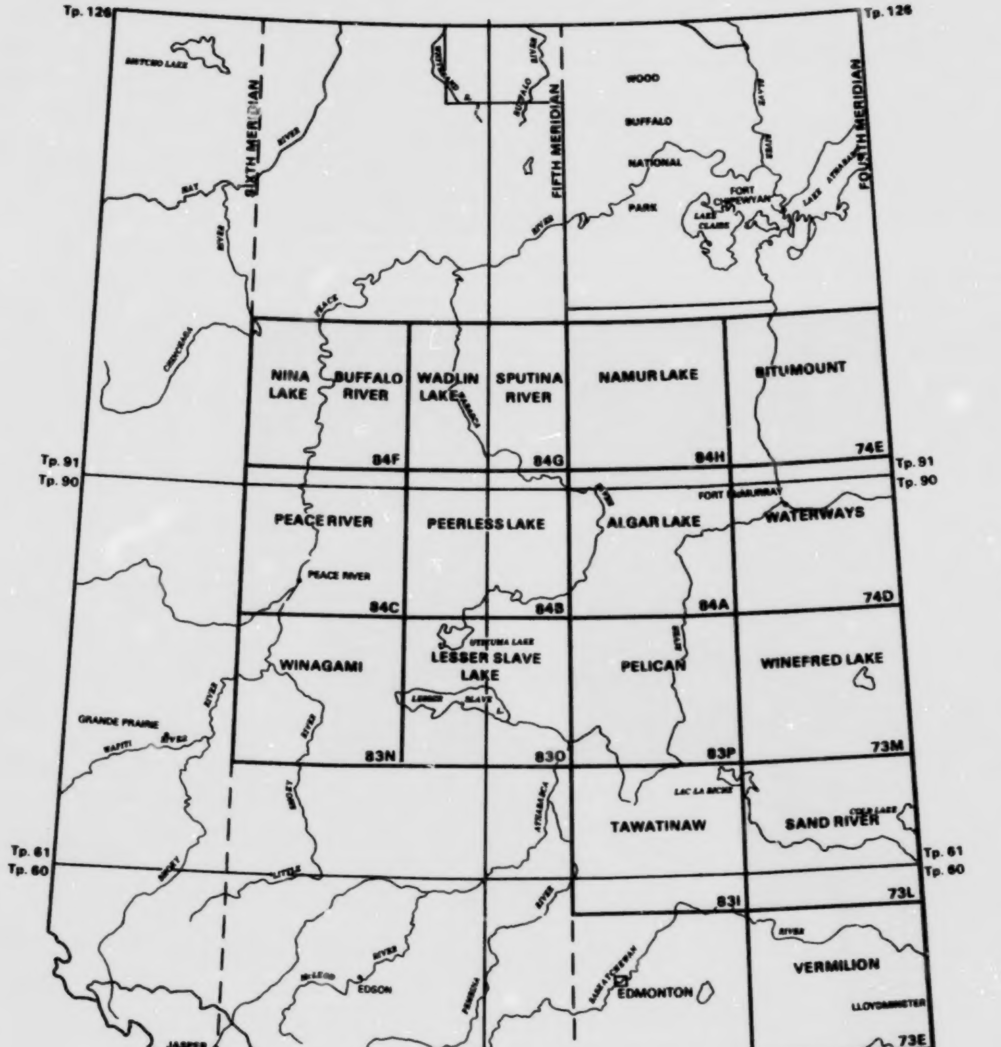
   1) Area 1.

b. Structure of the Base of Fish Scale Horizon : Upper Cretaceous - Lower Cretaceous Contact.

   1) Area 1; 1976. Scale 1:250 000.
   2) Area 2; 1969. Scale 1:250 000.
   3) Area 4; 1969. Scale 1:250 000.
   4) Area 5; 1969. Scale 1:250 000.
   5) Area 6; 1976. Scale 1:250 000.
   6) Area 8; 1969. Scale 1:250 000.
   7) Area 9; 1969. Scale 1:250 000.
   8) Area 10; 1969. Scale 1:250 000.
   9) Area 11; 1969. Scale 1:250 000.
   10) Area 12; 1969. Scale 1:250 000.
   11) Area 15; 1969. Scale 1:250 000.
   12) Entire province; 1965. Scale 1:1&$RN.000 000.
   13) Northern Alberta, North of Twp.90; 1975. Scale 1:500 000.

c. Paleozoic Surface Maps.

   1) Area 1; 1975. Scale 1:250 000.
   2) Area 2; 1978. Scale 1:250 000.
   3) Area 4; 1977. Scale 1:250 000.
   4) Area 5; 1976. Scale 1:250 000.
   5) Area 6; 1978. Scale 1:250 000.
   6) Area 8; 1977. Scale 1:250 000.
   7) Area 9; 1978. Scale 1:250 000.
   8) Area 10; 1977. Scale 1:250 000.
   9) Area 11; 1977. Scale 1:250 000.
   10) Area 15; 1973. Scale 1:250 000.
   11) Northern Alberta, North of Twp.90; 1978. Scale 1:500 000.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LAKE ATHABASCA
PEACE
NINA LAKE
BUFFALO RIVER
WADLIN LAKE
SPUTINA RIVER
NAMUR LAKE
BITUMOUNT
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84H
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Tp. 90
FORT McMURRAY
PEACE RIVER
PEERLESS LAKE
ALGAR LAKE
WATERWAYS
PEACE RIVER
84C
84B
84A
74D
WINAGAMI
LESSER SLAVE LAKE
PELICAN
WINEFRED LAKE
GRANDE PRAIRIE
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RIVER
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SAND RIVER
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EDMONTON
VERMILION
LLOYDMINSTER
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JASPER
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BANFF
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SOUTH
SASKATCHEWAN
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MEDICINE HAT
OLD MAN
LETHBRIDGE
WATERTON
ST. MARY
BELLY
WATERTON LAKES NATIONAL PARK
MILK
RIVER
Tp. 1
Maps Available from E.R.C.B.

Energy Resources Conservation Board

OIL SANDS MAPS

5. **Oil Sands Area Maps.**

(**Note:** Refer to index map for oil sand deposits area.)

a. Well Location Maps. Revised monthly. Scale 1:100 000 (NTS 73E,L,M; 74D,E; 83N,O,P; 84A,B,C,F,G,H).

6. **Miscellaneous Maps.**

a. The Provincial Electric System: Electric Transmission Lines, Electric Energy Generating Stations and Utility Service Areas. 1981. Scale 1:1 000 000.
b. Archaeological Resource Sensitivity Zones. 1980. Scale 1:1 000 000[19]
c. Alberta electric industry system map, 1981. Province of Alberta. 1981. Scale 1:1 000 000.

LOCATION : Maps are available from:

Publications Department
Energy Resources Conservation Board
640-5th Avenue S.W.
Calgary, Alberta
T2P 3G4 (403) 297-8328

For additional information regarding ERCB maps, consult **Publications, Maps and Services Catalogue 1984** available from the above address.

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[19] Also available from : Alberta Culture, Historical Resources Division, Archaeological Survey of Alberta, Old St. Stephen's College, 8820-112th Street, Edmonton, Alberta, T6G 2J6. Phone (403) 427-2355.

EXPLORATORY SOIL SURVEY SERIES

DETAILS : A series of soil survey reports with maps (1:760 320) for the north and west-central parts of the province. Exploratory soil surveys involve cursory inspections of large areas and provide a regional classification of soil types.

For related information refer to "Integrated Resource Inventories" on page 141, "Land (Soil) Capability for Agriculture" on page 144, "Land Classification Studies - Physical" on page 155, "Reconnaissance Soil Survey Map Series" on page 178, "Soil Surveys of National and Provincial Parks and Areas Assessed for Parks Planning" on page 183, "Soils Mapping - AOSERP" on page 188, "Soil Survey of Urban Areas and Areas Adjacent to Urban Centres" on page 189, "Solonetzic Soils of Alberta" on page 192, "Soil Irrigability Reports" on page 290, and "Soil Data Computer File (Cansis)" on page 363.

FILE SIZE : 8 reports with maps

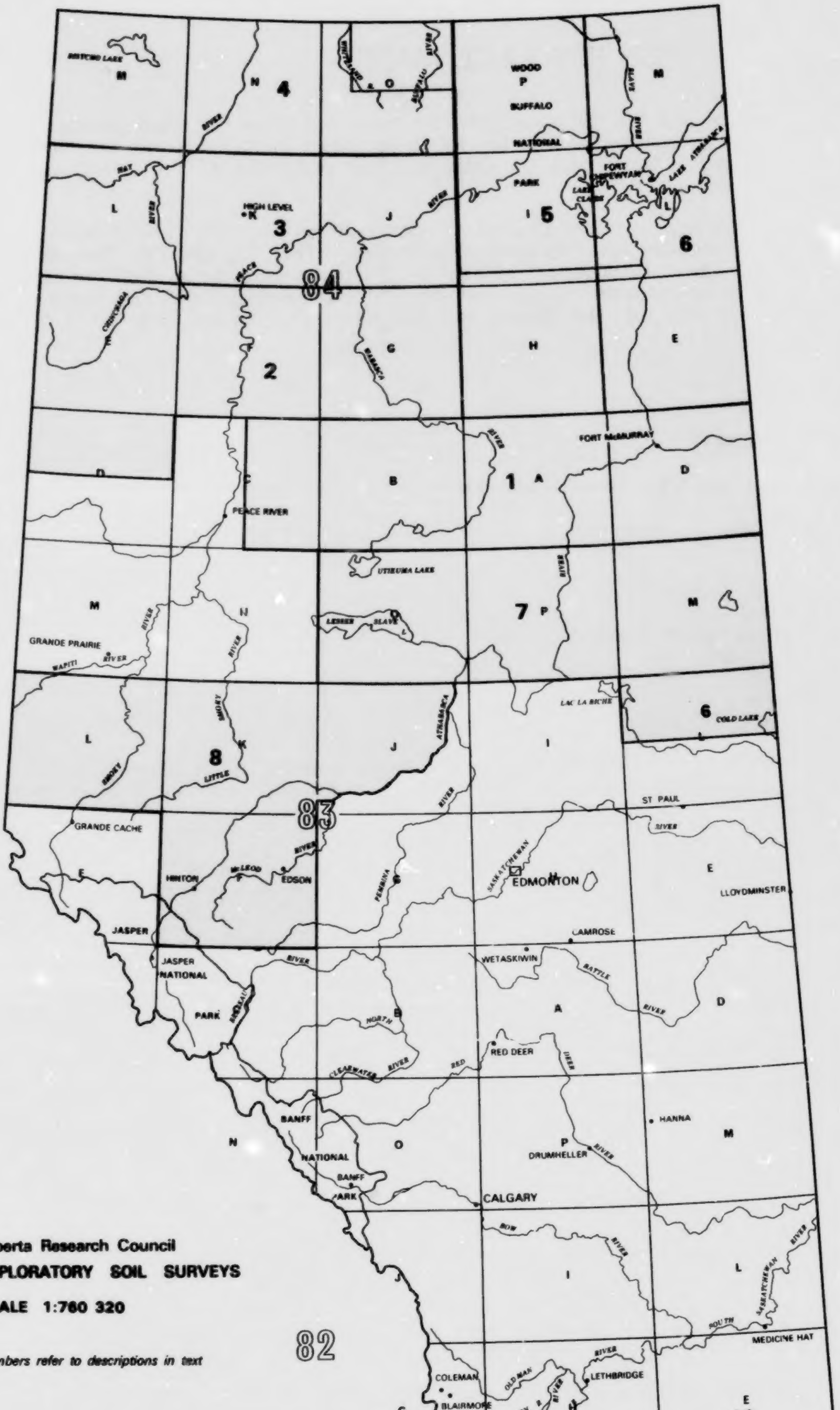
PROJECT DURATION : 1957-1964

SOURCE : Alberta Research Council, Soils Department.

LOCATION : Exploratory soil survey reports are available from:

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Number on Index Map	Description
1.	Exploratory soil survey of NTS 84C (east half), 84A, 84B and 74D; J.D. Lindsay, P.K. Heringa, S. Pawluk and W. Odynsky, 1957. Scale 1:633 600. Four maps accompany Soil Survey Exploratory Report 58-1. (NTS 84A,B,C; 74D).
2.	Exploratory soil survey of NTS 84-D (north half), 84E, 84F and 84G; J.D. Lindsay, S. Pawluk and W. Odynsky, 1958. Scale 1:696 960. Four maps accompany Survey Exploratory Report 59-1. (NTS 84D,E,F,G).
3.	Exploratory soil survey of NTS 84-J, 84-K and 84-L; J.D. Lindsay, S. Pawluk and W. Odynsky, 1959. Scale 1:696 960. Three maps accompany Soil Survey Exploratory Report 60-1. (NTS 84J,K,L).
4.	Exploratory soil survey of NTS 84-M, 84-N and 84-O; J.D. Lindsay, S. Pawluk and W. Odynsky, 1960. Scale 1:696 960. Three maps accompany Soil Survey Exploratory Report 61-1. (NTS 84M,N,O).
5.	Exploratory soil survey of NTS 84H, 84I and 84P; J.D. Lindsay, S. Pawluk and W. Odynsky, 1961. Three maps accompany Soil Survey Exploratory Report 62-1. (NTS 84H,I,P).
6.	Exploratory soil survey of NTS 74M, 74L, 74E and 73L (north half); J.D. Lindsay, S. Pawluk and W. Odynsky, 1962. Scale 1:760 320 Four maps accompany Soil Survey Exploratory Report 63-1. (NTS 74E,L,M; 73L).
7.	Exploratory soil survey of NTS 83O, 83P and 73M; A. Wynnyk, J.D. Lindsay, P.K. Heringa and W. Odynsky, 1964. Scale 1:760 320. Three maps accompany Soil Survey Exploratory Report 64-1. (NTS 83O,P; 73M).
8.	Exploratory soil survey of 83L, 83K, 83F and 83J; J.D. Lindsay, A. Wynnyk and W. Odynsky, 1963. Scale 1:760 320. Four maps accompany Soil Survey Exploratory Report 64-2. (NTS 83F,J,K,L).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Alberta Research Council

EXPLORATORY SOIL SURVEYS

SCALE 1:760 320

Numbers refer to descriptions in text

FISH RESOURCE MAPS

DETAILS : These maps, mostly at a 1:50 000 scale, show the known location o fish species throughout the province as well as waterbodies important for various stages of their life histories. Items shown include: spawning areas, migration routes, important water supplies, rearing and overwintering areas.

For related information refer to "Land Capability - Sport Fish" on page 148, "Habitat Development Report Series" on page 245, "Management Report Series (Fish)" on page 256, "Recreation Studies in Selected Alberta Communities" on page 281, "Research Report Series (Fish)" on page 283, "Survey Report Series (Water Bodies)" on page 291, "Commercial Fish Catch Statistics Manual File" on page 314, and "Fish Planting Statistics Manual File" on page 318.

FILE SIZE : 688 - 1:50 000; 9 - 1:250 000

PROJECT DURATION : 1968 -

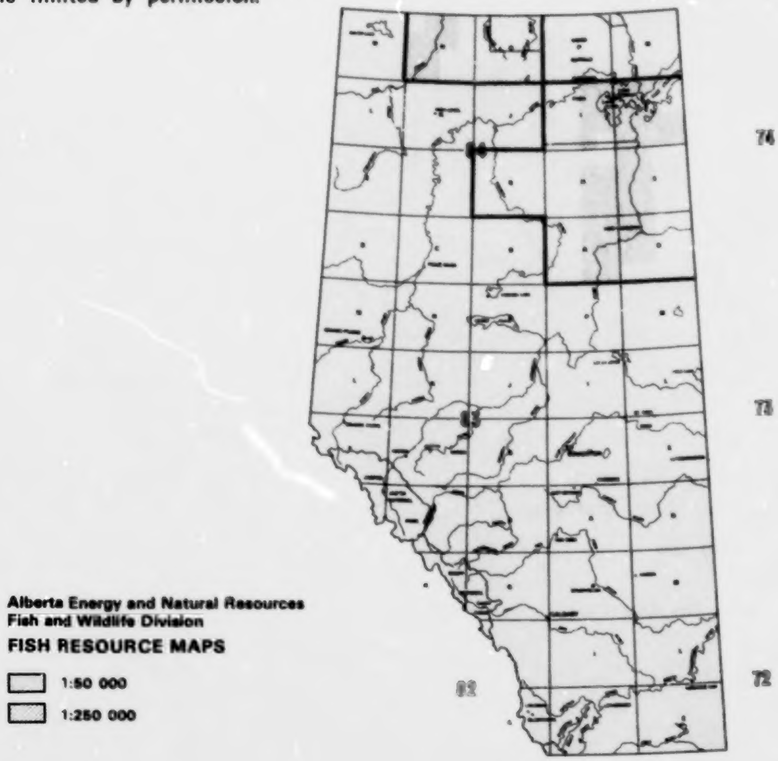
FREQUENCY OF UPDATE : Annually

SOURCE : Energy and Natural Resources, Fisheries Management Branch, Fisheries Inventory Unit.

LOCATION : Information is available from:

Regional Fish and Wildlife Offices
Fisheries Inventory Unit
Alberta Energy and Natural Resources
2nd Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-9506

While production and maintenance is the responsibility of the Fisheries Inventory Unit in Edmonton, access should be through the appropriate regional director. These maps are primarily for Fish and Wildlife use and as such access to this data is limited by permission.


74
73
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82
Alberta Energy and Natural Resources
Fish and Wildlife Division
FISH RESOURCE MAPS
▭ 1:50 000
▨ 1:250 000

FOOTHILLS RESOURCE ALLOCATION STUDIES

DETAILS : The Foothills Resource Allocation Study was a comprehensive planning program designed to determine the most beneficial allocation of resources in the Alberta Foothills region on the basis of productivity and economic consideration. Maps have been prepared for the following areas at a scale of 1:126 720:

1. Clearwater Drainage District
2. Musreau Planning District
3. Upper Brazeau Drainage District
4. Cline-Siffleur Drainage District
5. Simonette Planning District
6. Ghost Drainage District
7. Lower Brazeau Drainage District
8. Blackstone Drainage District
9. Ram Drainage District
10. Highwood Drainage District
11. Red Deer Drainage District
12. Bow Drainage District
13. Castle Drainage District
14. Kakwa Planning District
15. Crowsnest Drainage District
16. Kananaskis-Spray Drainage District
17. Nordegg-Baptiste Drainage District
18. Redrock Planning District
19. Upper Smoky Planning District
20. Livingstone Drainage District
21. Elbow-Jumpingpound Drainage District
22. Lower North Saskatchewan Drainage District
23. Berland Planning District
24. Wapiti Planning District
25. Porcupine Hills Drainage District
26. North Saskatchewan Drainage District

For related information refer to "Land (Soil) Capability for Agriculture" on page 144, "Land Capability for Forestry" on page 145, "Land Capability for Outdoor Recreation" on page 147, "Land Capability - Sport Fish" on page 148, "Land Capability for Ungulates" on page 149, "Land Capability for Waterfowl" on page 150, and "Resource Impact Assessment Overlay Program" on page 182.

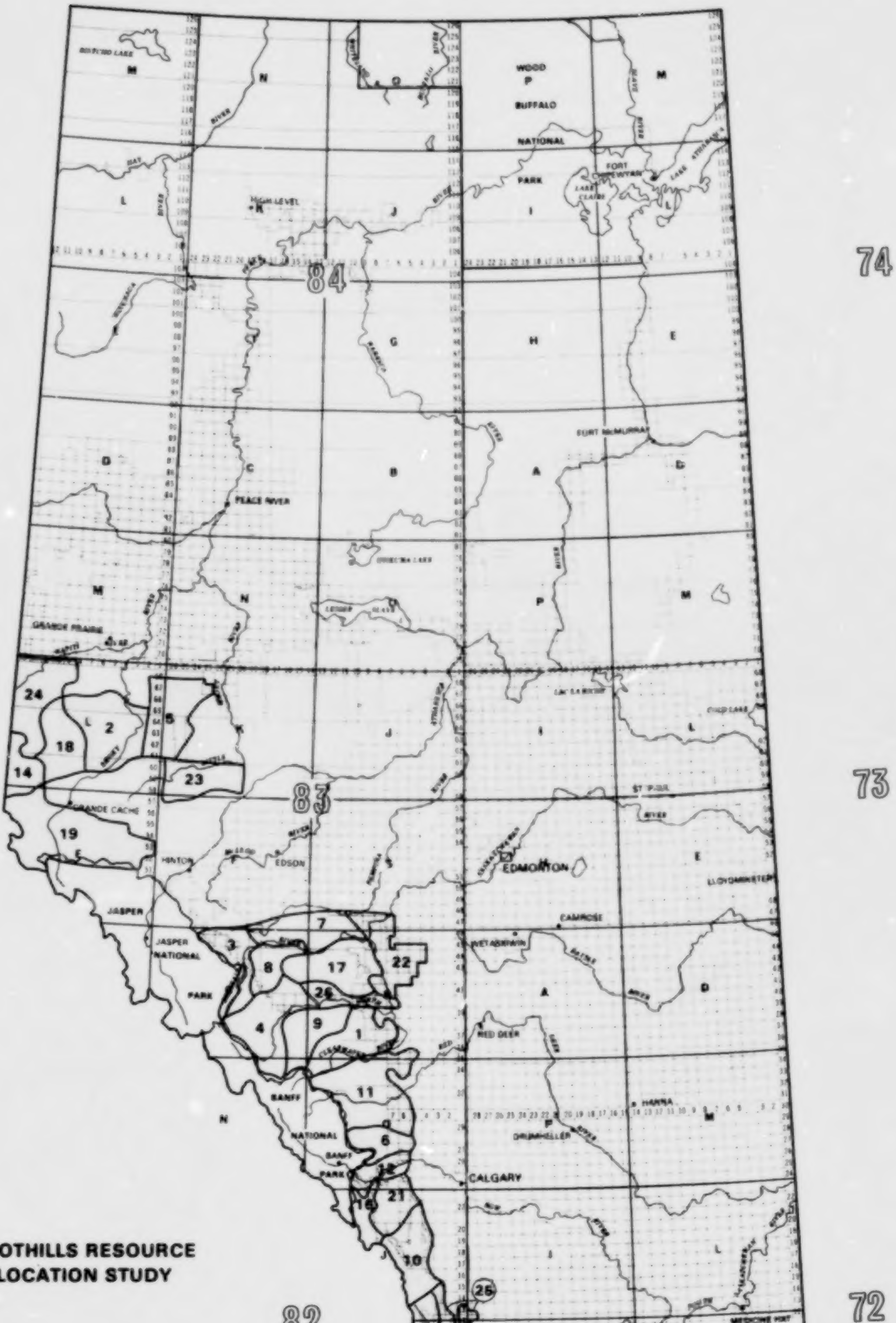
FILE SIZE : 26 maps

PROJECT DURATION : 1973

SOURCE : Canada Land Inventory Program, Lands Division.

LOCATION : Reports may be viewed at:

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425


WOOD
BUFFALO
NATIONAL
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FORT CHIPEWYAN
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FORT McMURRAY
PEACE RIVER
GRANDE PRAIRIE
LESSER SLAVE LAKE
COLD LAKE
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GRANDE CACHE
HINTON
EDSON
EDMONTON
LLOYDMINSTER
JASPER
JASPER NATIONAL PARK
CAMROSE
WETASKIWIN
RED DEER
HANNA
DRUMHELLER
BANFF NATIONAL PARK
BANFF
CALGARY
MEDICINE HAT
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FOOTHILLS RESOURCE
ALLOCATION STUDY

FORAGE INVENTORY PROGRAM

DETAILS : This series of reports (some with maps) and related plot data provides a forage inventory of Alberta's public lands. The inventory assesses the natural vegetation and separates it into recognized associations. This information provides the opportunity for analysis of domestic and wildlife forage potentials.

For related information refer to "Alberta 1:50 000 Provincial Resource Base Map Series (Planimetric and Forest Cover)" on page 77, "Forest Inventory Mapping" on page 129, "Integrated Resource Inventories" on page 141, "Land Capability for Forestry" on page 145, "Land Classification Studies - Ecological" on page 152, "Range Allotment Maps" on page 176, "Special Ecological Studies" on page 193, and "Forest Reserve Grazing Records Manual File" on page 321.

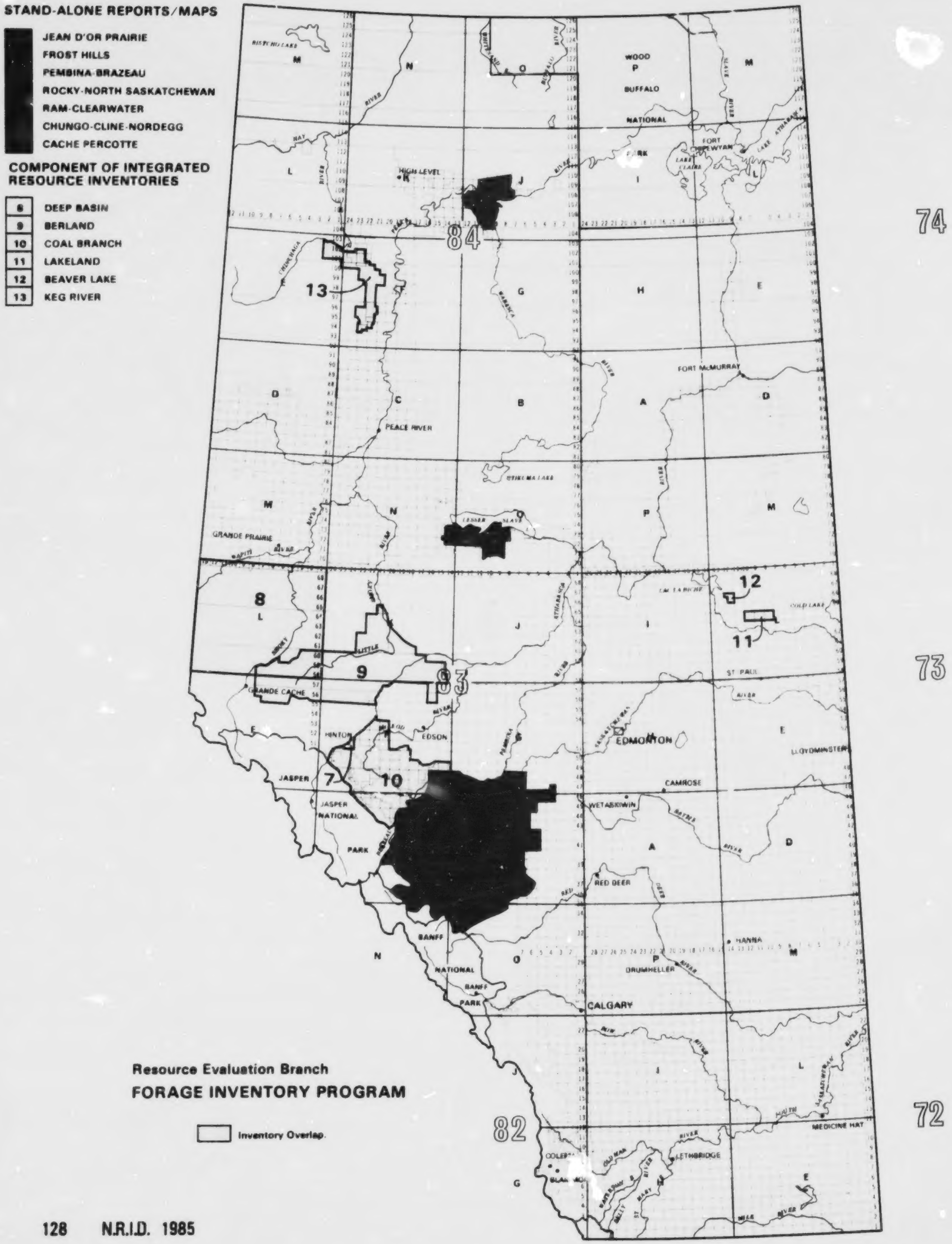
FILE SIZE : 10 study areas with various maps

PROJECT DURATION : 1978 -

SOURCE : Alberta Energy and Natural Resources, Resource Evaluation Branch.

LOCATION : Forage inventory maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

STAND-ALONE REPORTS/MAPS
JEAN D'OR PRAIRIE
FROST HILLS
PEMBINA-BRAZEAU
ROCKY-NORTH SASKATCHEWAN
RAM-CLEARWATER
CHUNGO-CLINE-NORDEGG
CACHE PERCOTTE
COMPONENT OF INTEGRATED RESOURCE INVENTORIES
8 DEEP BASIN
9 BERLAND
10 COAL BRANCH
11 LAKELAND
12 BEAVER LAKE
13 KEG RIVER
WOOD
BUFFALO
NATIONAL
PARK
FORT CHIPEWYAN
LAKE ATHABASCA
HIGH LEVEL
84
74
FORT McMURRAY
PEACE RIVER
GRANDE PRAIRIE
LESSER SLAVE
ST PAUL
COLD LAKE
GRANDE CACHE
83
73
HINTON
EDSON
JASPER
JASPER NATIONAL PARK
EDMONTON
LLOYDMINSTER
CAMROSE
WETASKIWIN
RED DEER
BANFF NATIONAL PARK
BANFF
HANNA
DRUMHELLER
CALGARY
MEDICINE HAT
LETHBRIDGE
82
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Resource Evaluation Branch
FORAGE INVENTORY PROGRAM
Inventory Overlap

FOREST INVENTORY MAPPING

DETAILS : Three distinct forest inventories, of increasing detail, were conducted from 1948 to 1984 for the forested regions of the province. The most recent, Phase III, providing the greatest detail, will have limited revisions conducted as information on harvested and burn areas becomes available.

The **Broad Inventory (Phase 1)** used 1948-1954 photography with the forest inventoried for density, height, and species with a minimum stand size of 160 acres (64.8 hectares). Mapping was at a scale of 1:40 000. This was later reduced to 1:63 360 and most recently, 1:50 000.

The **Detailed Inventory (Phase 2)** utilized 1956-1966 photography with information similar to the Broad Inventory (Phase 1). A minimum stand size of 40 acres (16.2 hectares) was used and maps were prepared primarily at a scale of 1:31 680.

The **Phase 3 Inventory**, describes forest density, height and species, age and site quality. The minimum stand size is 20 acres (8.10 hectares) except for highly merchantable stands which have been interpreted as small as two hectares. Maps were prepared at a scale of 1:15 000. Extension areas have been added which will receive the same level of interpretation (competion date scheduled for these areas is 1986).

For related information refer to "Alberta 1:50 000 Provincial Resource Base Map Series (Planimetric and Forest Cover)" on page 77, "Alberta 1:190 080 Provincial Forest Reserve (Topographical) Maps" on page 82, "Forage Inventory Program" on page 127, "Special Ecological Studies" on page 193, "Vegetation Mapping - AOSERP" on page 208, "Phase III Forest Inventory Information Reports" on page 279, "AFORISM - Alberta Forest Inventory Storage and Maintenance" on page 301, "Forest Fire Computer File" on page 320,and "Forest Reserve Grazing Records Manual File" on page 321.

FILE SIZE : 3600 Phase III maps (193 000 square kilometers)

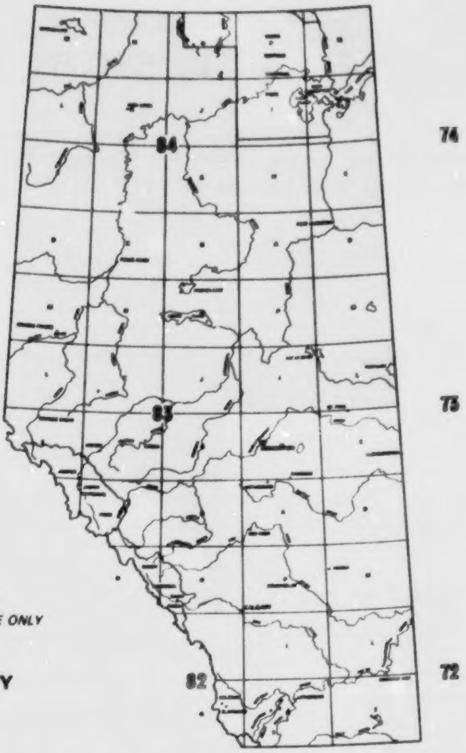
PROJECT DURATION : 1946-1984 (extension areas to Phase III to 1986).

FREQUENCY OF UPDATE : As information becomes available.

SOURCE : Alberta Energy and Natural Resources, Resource Evaluation and Planning Division, Resource Evaluation Branch and Alberta Forest Service.

LOCATION : Diazo copies are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520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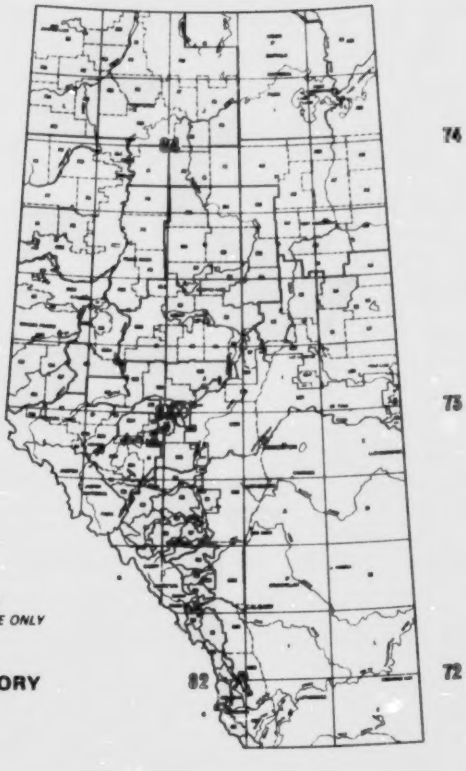
FOREST INVENTORY MAPPING

SCALE 1:63 360, DIAZO COPIES AVAILABLE ONLY

PHASE 1
BROAD FOREST INVENTORY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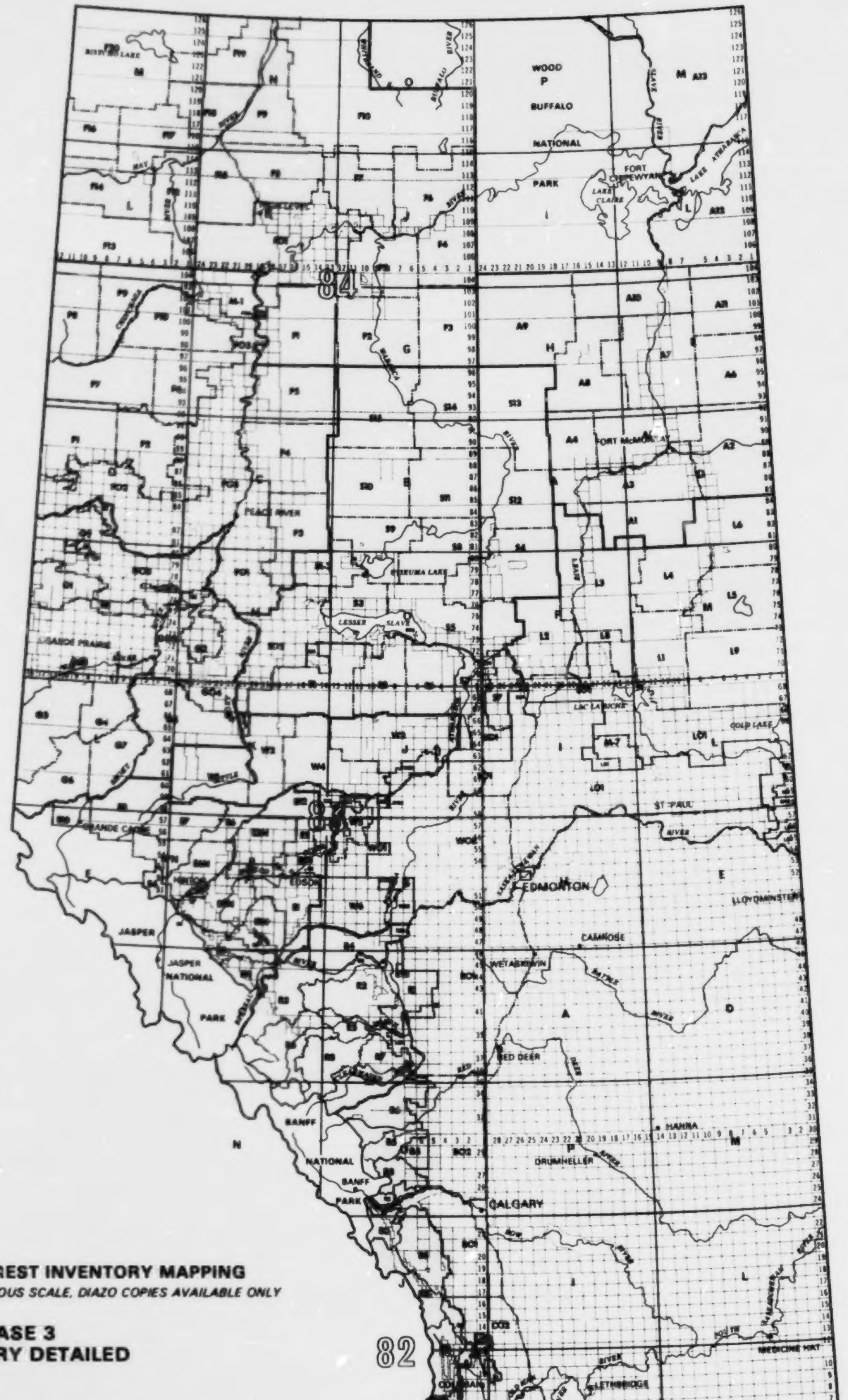
FOREST INVENTORY MAPPING

SCALE 1:31 680, DIAZO COPIES AVAILABLE ONLY

PHASE 2
DETAILED FOREST INVENTORY


WOOD BUFFALO NATIONAL PARK
FORT CHIPEWYAN
LAKE ATHABASCA
FORT McMURRAY
PEACE RIVER
LESSER SLAVE LAKE
UTIKUMA LAKE
GRANDE PRAIRIE
LAC LA BICHE
COLD LAKE
ST. PAUL
GRANDE CACHE
EDMONTON
LLOYDMINSTER
JASPER
JASPER NATIONAL PARK
CAMROSE
WETASKIWIN
RED DEER
BANFF NATIONAL PARK
BANFF
HANNA
DRUMHELLER
CALGARY
MEDICINE HAT
LETHBRIDGE
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FOREST INVENTORY MAPPING

VARIOUS SCALE, DIAZO COPIES AVAILABLE ONLY

PHASE 3
VERY DETAILED

GEOPHYSICAL SERIES (AEROMAGNETIC MAPS)

DETAILS : A series of aeromagnetic maps (the northwestern and central-eastern parts of Alberta) depicting the variations in the total magnetic field of the earth at a height of 305 metres above the earth's surface. The contour interval used for the maps is 10 gammas (1 gamma = 1 nanotesla in SI units).

For related information refer to "Alberta Research Council Bulletins" on page 220, "Alberta Research Council Earth Sciences Reports" on page 221, and "Alberta Research Council Open File Reports" on page 223.

FILE SIZE : 17 (1:250 000) and 213 (1:63 000) map sheets

PROJECT DURATION : 1962

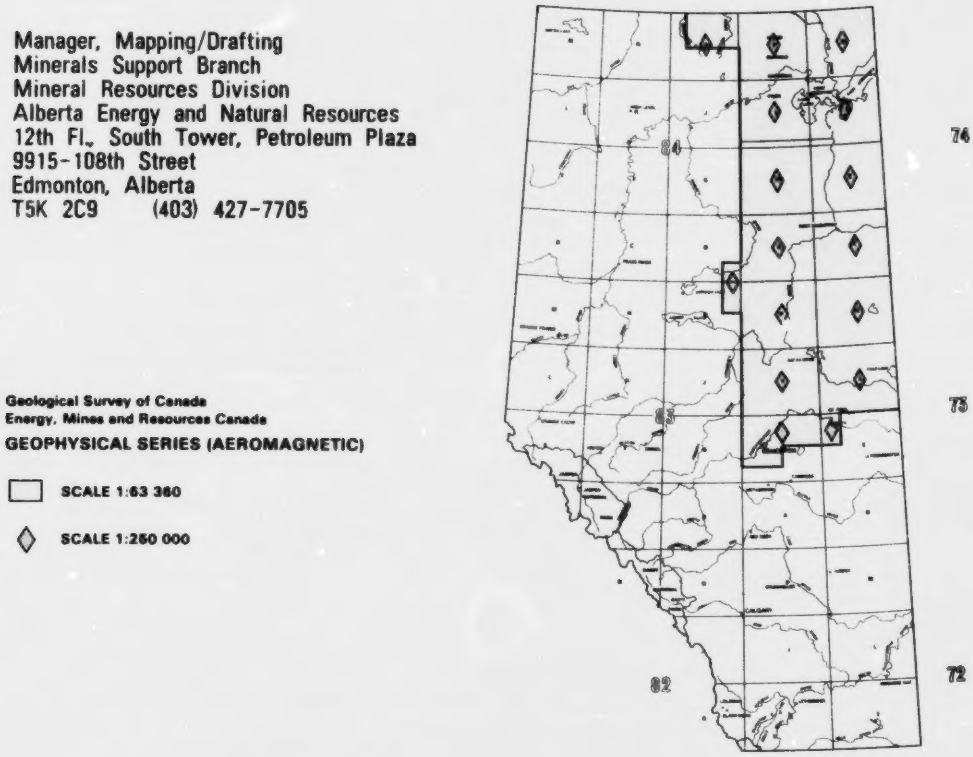
SOURCE : Department of Energy, Mines and Resources, Geological Survey of Canada.

LOCATION : 1:63 360 and 1:250 000 aeromagnetic maps are available from:

Publications and Air Photo Section
Institute of Sedimentary and Petroleum Geology
Geological Survey of Canada
Energy Mines and Resources
3303-33rd Street, N.W.
Calgary, Alberta
T2L 2A7 (403) 284-0354

1:63 360 aeromagnetic maps for the NW corner of the province (NTS 74L,M; 84I,O,P) are available from:

Manager, Mapping/Drafting
Minerals Support Branch
Mineral Resources Division
Alberta Energy and Natural Resources
12th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7705


Geological Survey of Canada
Energy, Mines and Resources Canada
GEOPHYSICAL SERIES (AEROMAGNETIC)
▭ SCALE 1:63 360
◇ SCALE 1:250 000
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HAIL RATE MAP

DETAILS : A map showing the premium rate for hail insurance (in percentage) charged by the Alberta Hail and Crop Insurance in each township in Alberta. Rates reflect the long-term risk of hail occurrence.

For related information refer to "Agroclimatic Zones of Alberta" on page 65, "Precipitation Over Alberta" on page 172, "Alberta Research Council Atmospheric Sciences Reports" on page 219, "Meteorological Analysis Reports" on page 257, "Alberta Environment Real Time Hydrometeorological Network Computer File" on page 300, "Alberta Hail Project Records Computer File" on page 302, "Climate Inventory and Appraisal Records Computer File" on page 309, "Climatological Records Computer File" on page 311, "Forest Station Weather Records Computer File" on page 322, and "Weather Radar Data Computer File" on page 374.

FILE SIZE : 1 map

PROJECT DURATION : 1938-

FREQUENCY OF UPDATE : Annually

SOURCE : Alberta Hail and Crop Insurance Corporation.

LOCATION : For information regarding the availability of the map contact:

Alberta Hail and Crop Insurance Corporation
Agriculture Bldg.
5718-56th Avenue
Bag Service #16
Lacombe, Alberta
T0C 1S0 (403) 782-4661

HYDROGEOLOGY, MISCELLANEOUS GROUNDWATER GEOLOGY AND RELATED MAPS

DETAILS : A collection of reports and accompanying maps indicating the distribution, amounts and quality of groundwater contained in the surficial deposits and bedrock formations of an area.

For related information refer to "Bedrock Topography - Alberta Research Council" on page 108, "East Central Alberta Regional Groundwater Resource Inventory" on page 111, "Hydrogeology, Miscellaneous Groundwater Geology and Related Maps", "Alberta Research Council Earth Sciences Reports" on page 221, "Groundwater Reports and Bibliography" on page 244, "Northern Water Supply Program" on page 275, "Central Groundwater Data Manual File" on page 308, "Flowing Holes Manual File" on page 319, "Observation Well Network Manual File" on page 348, "Springs of Alberta Computer File" on page 365, "Water Well Drilling Reports Manual File" on page 372, and "Water Well Information Manual File (Earth Sciences Division)" on page 373.

FILE SIZE : 21 reports with maps

PROJECT DURATION : 1959-1979

SOURCE : Alberta Research Council, Groundwater Department.

LOCATION : Reports are available from:

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Number on Index Map	Description
1.	Groundwater geology of the Beaverlodge district; J.F. Jones, 1960. Scale 1:126 720. Accompanies Earth Sciences Report 59-2 as map 59-2A (NTS 83M).[21]
2.	Groundwater geology of the Beaverlodge district; J.F. Jones, 1960. Scale 1:126 720. Accompanies Earth Sciences Report 59-2 as map 59-2B (NTS 83M).[21]
3.	Piezometric surface, summer 1958, Beaverlodge district; J.F. Jones, 1960. Scale 1:114 048. Accompanies Earth Sciences Report 59-2 as map 59-2C (NTS 83M).[21]
4.	Geology and groundwater resources of the Milk River Sandstone in southern Alberta; P. Meyboom, 1960. In Memoir 2 (various maps) (NTS 72E, 84H).[20]
5.	Piezometric surface, Pembina district; R.M. Farvolden, 1961. Scale 1:135 590. Accompanies Earth Sciences Report 61-4 (NTS 83G).[21]
6.	Groundwater resources of the city of Calgary and vicinity; P. Meyboom, 1961. Scale 1:50 000. Accompanies Bulletin 8 (1 map) (NTS 82I,J,O,P).[21]
7.	Reconnaissance groundwater survey of the Oyen map-area. G.R. Kunkle, 1962. Scale 1:253 440. Accompanies Earth Sciences Report 62-3 (3 maps) (NTS 72M).
8.	Water well records , Peace River district; J.F. Jones, 1962. Scale 1:506 880. Accompanies Earth Sciences Report 62-4 (1 map) (NTS 83M,N; 84C,D).[21]

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[20] Out of Print.

[21] Out of print but available on microfiche.

9. Reconnaissance groundwater study, Swan Hills and adjacent area; J.F. Jones, 1962. Scale 1:253 440. Accompanies Earth Sciences Report 62-5 (1 map) (NTS 83J,K,N,O).[21]

10. Groundwater geology and hydrology of east-central Alberta; E.G. LeBreton, 1963. Scale 1:253 440. Accompanies Bulletin 13 (2 maps) (NTS 73D,E,L; 84A,H,I).[20]

11. Piezometric surface , Lloydminster district; E.G. LeBreton, 1963. Scale 1:126 720. Accompanies Bulletin 12 (NTS 73E).[20]

12. Piezometric surface, Andrew district; E.G. LeBreton, 1963. Scale 1:101 376. Accompanies Bulletin 12 (NTS 83H).[21]

13. Groundwater geology movement, chemistry and resources near Olds, Alberta; J. Toth, 1966. Accompanies Bulletin 17 (various maps) (NTS 82O).

14. A hydrogeological study of the Three Hills area; J. Toth, 1968. Accompanies Bulletin 24 (various maps) (NTS 82P).

15. Groundwater chemistry and hydrology of the Handhills Lake area, Alberta; A.V. Van den Berg and D.H. Lennox, 1969. Accompanies Earth Sciences Report 69-1 (various maps) (NTS 82P).

16. Regional chemistry and water level distribution of the near- surface groundwaters of the Edmonton area (northwest segment); R. Bibby, 1974. Scale 1:304 128. Accompanies Earth Sciences Report 74-6 (various maps) (NTS 83H).

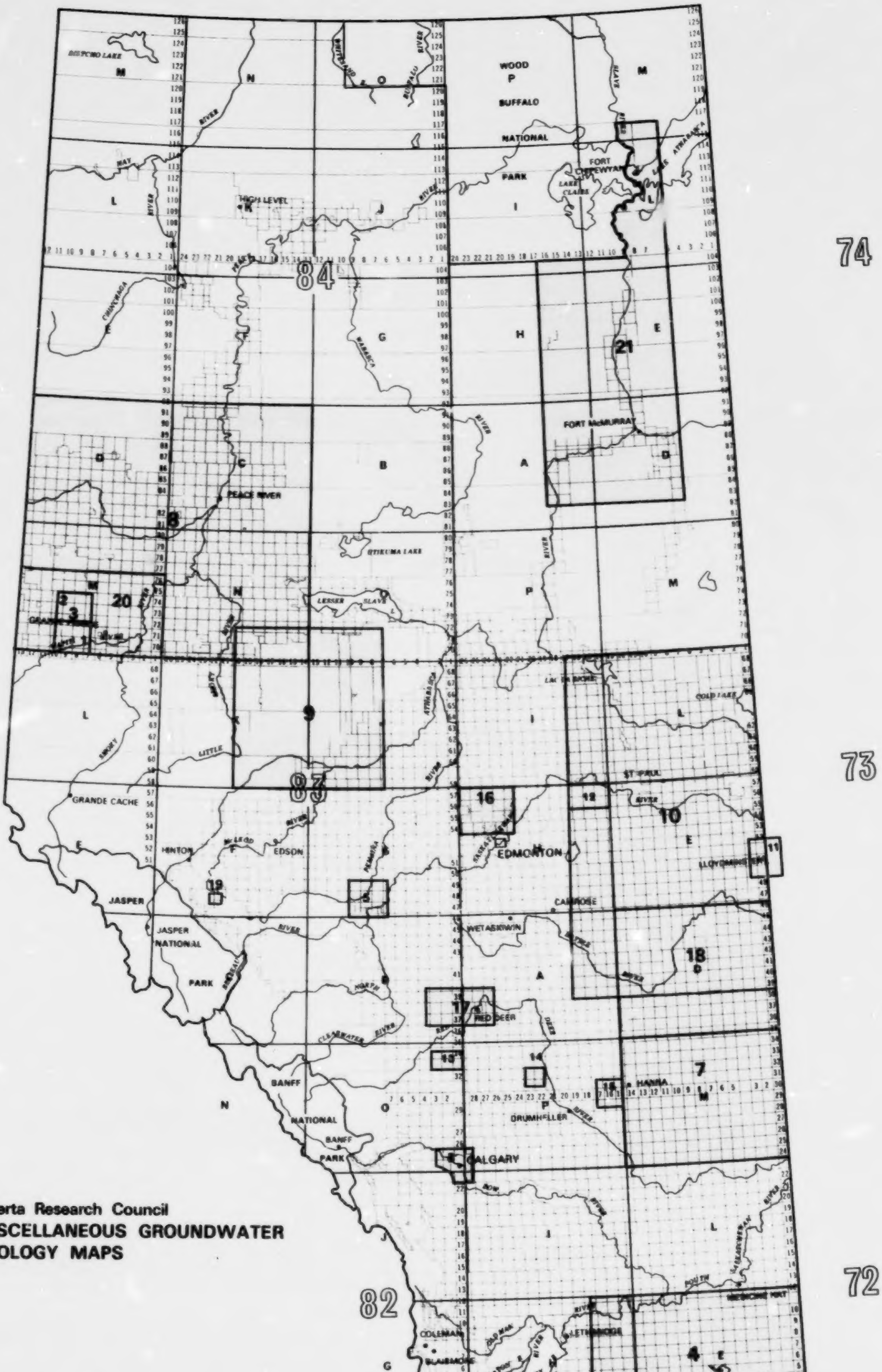
17. Hydrogeology of Red Deer and vicinity; G.M. Gabert, 1975. Accompanies Bulletin 31 (various maps) (NTS 83A,B).

18. Regional Chemistry of groundwater in the Wainwright area; D.A. Hackbarth, 1975. Scale 1:1 013 000 (approximately). Accompanies Earth Sciences Report 75-6 (various maps) (NTS 73D).

19. Hydrogeology of the Tri Creek Basin; D.V. Currie, 1976. Accompanies Bulletin 33 (various maps) (NTS 83F).

20. Groundwater conditions in the Grande Prairie-Beaverlodge area; D.A. Hackbarth, 1978. Accompanies Earth Sciences Report 77-4 (various maps) (NTS 83M).

21. Hydrogeology of the Athabasca Oil Sands area; D.A. Hackbarth and N. Nastasa, 1979. Accompanies Bulletin 38 (NTS 74E; 84H).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WOOD BUFFALO NATIONAL PARK
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FORT McMURRAY
PEACE RIVER
UTIKUMA LAKE
LESSER SLAVE L.
GRANDE PRAIRIE
GRANDE CACHE
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JASPER NATIONAL PARK
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RED DEER
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DRUMHELLER
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Alberta Research Council
MISCELLANEOUS GROUNDWATER GEOLOGY MAPS

HYDROGEOLOGICAL RECONNAISSANCE MAP SERIES

DETAILS : A collection of hydrogeological maps indicating groundwater probabilities (expected average yields of wells drilled in the area under consideration), chemistry and certain aspects of flow systems for the area depicted.

For related information refer to "Bedrock Topography - Alberta Research Council" on page 108, "East Central Alberta Regional Groundwater Resource Inventory" on page 111, "Hydrogeology, Miscellaneous Groundwater Geology and Related Maps" on page 134, "Alberta Research Council Earth Sciences Reports" on page 221, "Groundwater Reports and Bibliography" on page 244, "Northern Water Supply Program" on page 275, "Central Groundwater Data Manual File" on page 308, "Flowing Holes Manual File" on page 319, "Observation Well Network Manual File" on page 348, "Springs of Alberta Computer File" on page 365, "Water Well Drilling Reports Manual File" on page 372, and "Water Well Information Manual File (Earth Sciences Division)" on page 373.

FILE SIZE : 41 studies with maps

SOURCE : Alberta Research Council, Groundwater Department.

LOCATION : Hydrogeological reconnaissance reports and maps are available from:

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Only those maps indicated are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

Number on Index Map	**Description**
1.	Hydrogeology of the Grimshaw-Chinook Valley area; O. Tokarsky, 1971. Scale 1:125 000. Accompanies Earth Sciences Report 71-2 (NTS 84C4/5).[22]
2.	Hydrogeology of the Red Deer area; E.G. LeBreton, 1970. Scale 1:125 000. Accompanies Earth Sciences Report 71-1 (NTS 83A).[22]
3.	Hydrogeology of the Rocky Mountain House area; O. Tokarsky, 1971. Scale 1:250 000. Accompanies Earth Sciences Report 71-3 (NTS 83B).[22] ,[23]
4.	Hydrogeology of the Drumheller area; D. Borneuf, 1972. Scale 1:250 000. Accompanies Earth Sciences Report 72-1 (NTS 82P).[22] ,[23]

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[22] Out of print.

[23] Available from Distribution Services, ENR.

5. Hydrogeology of the Wabamun Lake area; G.F. Ozoray, 1972. Scale 1:250 000. Accompanies Earth Sciences Report 72-8 (NTS 83G).[22] ,[23]

6. Hydrogeology of the Mount Watt area; O. Tokarsky, 1972. Scale 1:250 000. Accompanies Earth Sciences Report 72-3 (NTS 84K).[23]

7. Hydrogeology of the Bison Lake area; O. Tokarsky, 1972. Scale 1:250 000. Accompanies Earth Sciences Report 72-2 (NTS 84F).[22] ,[23]

8. Hydrogeology of the Tawatinaw area; D.M. Borneuf, 1973. Scale 1:250 000. Accompanies Earth Sciences Report 72-11 (NTS 83I).[23]

9. Hydrogeology of the Gleichen area; G.F. Ozoray and A.T. Lytviak, 1974. Scale 1:250 000. Accompanies Earth Sciences Report 74-9 (NTS 82I).[22] ,[23]

10. Hydrogeology of the Lethbridge-Fernie area; O. Tokarsky, 1974. Scale 1:250 000. Accompanies Earth Sciences Report 74-1 (1 map) (NTS 82G,H).[22] ,[23]

11. Hydrogeology of the Medicine Hat area; D.R. Stevenson and D.M. Borneuf, 1977. Scale 1:250 000. Accompanies Earth Sciences Report 75-2 (NTS 72L).[22] ,[23]

12. Hydrogeology of the Oyen area; D.M. Borneuf, 1978. Scale 1:250 000. Accompanies Earth Sciences Report 78-2 (NTS 72M).[23]

13. Hydrogeology of the Vermilion area; D.V. Currie and N. Zacharko, 1976. Scale 1:250 000. Accompanies Earth Sciences Report 75-5 (2 maps) (NTS 73E).[23]

14. Hydrogeology of the Iosegun Lake area; O. Tokarsky, 1977. Scale 1:250 000. Accompanies Earth Sciences Report 76-2 (NTS 83K).[23]

15. Hydrogeology of the Whitecourt area; O. Tokarsky, 1977. Scale 1:250 000. Accompanies Earth Sciences Report 76-3 (NTS 83J).[23]

16. Hydrogeology of the Waterways-Winefred Lake area; G.F. Ozoray, 1974. Scale 1:500 000. Accompanies Earth Sciences Report 74-2 (NTS 73M,74D).[23]

17. Hydrogeology of the Foremost area; D.M. Borneuf, 1976. Scale 1:250 Scale 1:250 000. Accompanies Earth Sciences Report 74-4 (NTS 72E).[23]

18. Hydrogeology of the Wainwright area; D.A. Hackbarth, 1975. Scale 1:250 000. Accompanies Earth Sciences Report 75-1 (NTS 73D).[23]

19. Hydrogeology of the Calgary-Golden area; G.F. Ozoray and R. Barnes, 1978. Scale 1:250 000. Accompanies Earth Sciences Report 77-2 (NTS 82N,O).[23]

20.

    a. Hydrogeology of the Edmonton area (N.W. segment); R. Bibby, 1974. Scale 1:125 000. Accompanies Earth Sciences Report 74-10 (NTS 83H).[23]
    b. Hydrogeology of the Edmonton area (N.E. segment); R. Stein, 1976. Scale 1:125 000. Accompanies Earth Sciences Report 76-1 (NTS 83H).[22] ,[23]
    c. Hydrogeology of the Edmonton area (S.E. segment); R. Stein, 1979. Scale 1:125 000. Accompanies Earth Sciences Report 79-6 (NTS 83H).
    d. Hydrogeology of the Edmonton area (S.W. segment); W.Ceroici, 1978. Scale 1:125 000. Accompanies Earth Sciences Report 78-5 (NTS 83H).[23]

21. Hydrogeology of the Peace River area; D.M. Borneuf, 1981. Scale 1:250 000. Accompanies Earth Sciences Report 81-2(NTS 84C).

22. Hydrogeology of the Winagami area; D.M. Borneuf, 1980. Scale 1:250 000. Accompanies Earth Sciences Report 79-3 (NTS 83N).

23. Hydrogeology of the Grande Prairie area; D.A. Hackbarth, 1977. Scale 1:250 000. Accompanies Earth Sciences Report 76-4 (NTS 83M).[23]

24. Hydrogeology of the Bitumount-Namur Lake area; G.F. Ozoray, A.T. Lytviak and D.A. Hackbarth, 1980. Scale 1:250 000. Accompanies Earth Sciences Report 78-6 (1 map) (NTS 74E, 84H).[23]

25. Hydrogeology of the Sand River area; G.F. Ozoray and A.T. Lytviak, 1979. Scale 1:250 000. Accompanies Earth Sciences Report 79-1 (NTS 73L).[23]

26. Hydrogeology of the Lesser Slave Lake area; R.I.J. Vogwill, 1978. Scale 1:250 000. Accompanies Earth Sciences Report 77-1 (NTS 83O).[23]

27. Hydrogeology of the Edson area; R.I.J. Vogwill, 1979. Scale 1:250 000. Accompanies Earth Sciences Report 79-7 (NTS 83F).

28. Hydrogeology of the Pelican-Algar Lake area; G.F.Ozoray and A.T. Lytviak, 1980. Scale 1:500 000. Accompanies Earth Sciences Report 80-1 (1 map) (NTS 83P, 84A).

29. Hydrogeology of the Kananaskis Lake area; D.M. Borneuf, 1980. Scale 1:250 000. Accompanies Earth Sciences Report 79-4 (NTS 82J).

30. Hydrogeology of the Mount Robson-Wapiti area; R.G. Barnes, 1978. Scale 1:500 000. Accompanies Earth Sciences Report 76-5 (1 map) (NTS 83E,L).[23]

31. Hydrogeology of the Brazeau-Canoe River area; R.G. Barnes, 1978. Scale 1:250 000. Accompanies Earth Sciences Report 77-5 (1 map) (NTS 83C,D).[23]

32. Hydrogeology of the Peerless Lake area; W. Ceroici, 1979. Scale 1:250 000. Accompanies Earth Sciences Report 79-5 (NTS 84B).

33. Hydrogeology of the Fort Chipewyan-Lake Claire area; A.T. Lytviak, (in preparation). Scale 1:500 000 (NTS 74L).

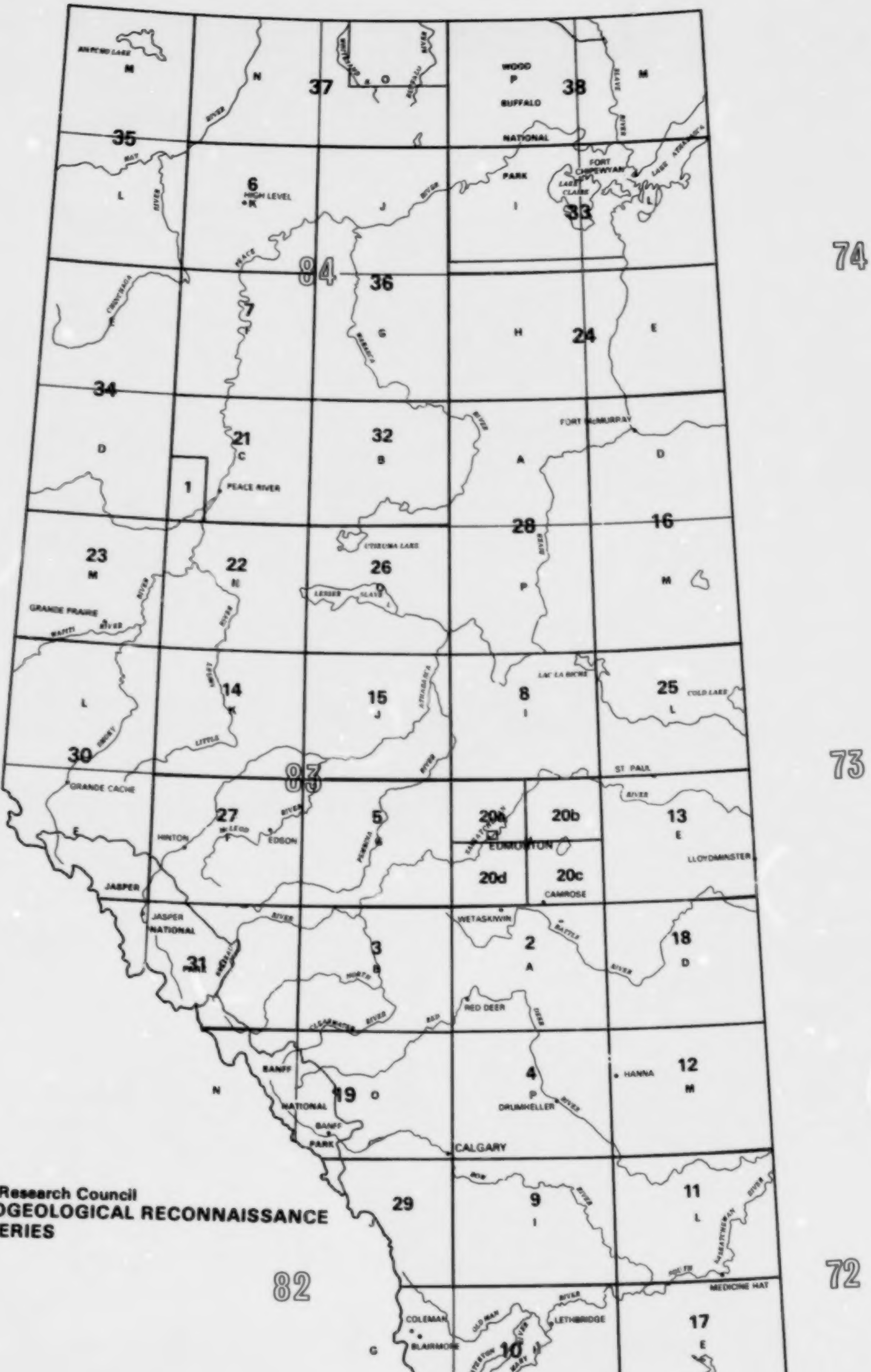
34. Hydrogeology of the Clear Hills-Chinchaga River area; G.F. Ozoray, 1982. Scale 1:500 000. Accompanies Earth Sciences Report 82-4 (NTS 84D,E).

35. Hydrogeology of the Zama-Bistcho Lake area; D.M. Borneuf, 1981. Scale 1:500 000. Accompanies Earth Sciences Report 80-3 (NTS 84L,M).

36. Hydrogeology of the Wadlin and Vermilion Chutes; A.T. Lytviak, (in preparation). Scale 1:500 000.

37. Hydrogeology of the Steen River-Whitesand River area; G.F. Ozoray, 1980. Scale 1:500 000. Accompanies Earth Sciences Report 80-2 (1 map) (NTS 84N,O).

38. Hydrogeology of the Peace Point and Fitzgerald area; R. Stein, (in preparation). Scale 1:500 000.



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LAKE ATHABASCA
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CAMROSE
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Alberta Research Council
HYDROGEOLOGICAL RECONNAISSANCE
MAP SERIES

INTEGRATED RESOURCE INVENTORIES

DETAILS : These inventories describe the physical land, soils and vegetation of the landscape and their inter-relationships. They contain information on the geomorphology, geology, relief, drainage, slope, soils, and vegetation (vegetation communities, biomass for productivity etc.). These reports are to be used in conjunction with the Physical Land Classification and Forage Inventory maps available from Distribution Services. The following studies have been completed :

1. **Deep Basin** 1:50 000. Published.
2. **Lakeland** 1:15 000. Published.
3. **Coal Branch** 1:50 000. Completed but not published.
4. **Berland Reconnaisance** 1:50 000. Completed but not published.
5. **Keg River** 1:50 000. Completed but not published.
6. **East Beaver Lake** 1:15 000. Published.

For related information refer to "Forage Inventory Program" on page 127, "Land Classification Studies - Ecological" on page 152, "Land Classification Studies - Physical" on page 155, and "Integrated Resource Planning Projects" on page 247.

FILE SIZE : 6 studies

PROJECT DURATION : 1983-

FREQUENCY OF UPDATE : N/A

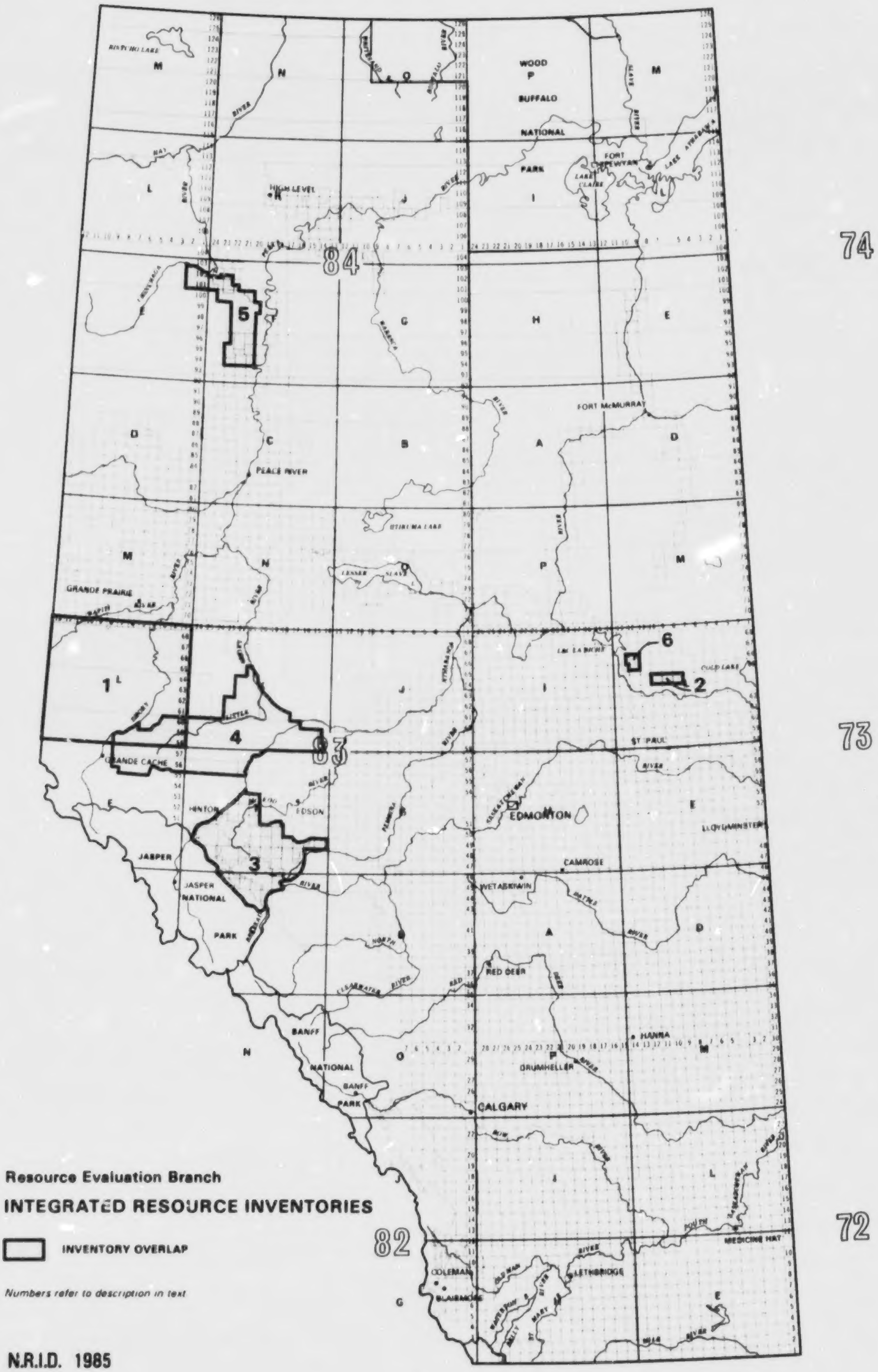
SOURCE : Alberta Energy and Natural Resources, Resource Evaluation and Planning, Resource Evaluation Branch.

LOCATION : Reports and further information are available from:

Land Classification Section
Resource Evaluation Branch
Resource Evaluation and Planning Division
Alberta Energy and Natural Resources
4th Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-7222

Diazo maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520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WOOD BUFFALO NATIONAL PARK
HIGH LEVEL
FORT CHIPEWYAN
LAKE ATHABASCA
FORT McMURRAY
PEACE RIVER
GRANDE PRAIRIE
LESSER SLAVE
LAC LA BICHE
COLD LAKE
ST PAUL
GRANDE CACHE
HINTON
EDSON
JASPER
JASPER NATIONAL PARK
EDMONTON
LLOYDMINSTER
CAMROSE
WETASKIWIN
RED DEER
HANNA
DRUMHELLER
BANFF
BANFF NATIONAL PARK
CALGARY
MEDICINE HAT
COLEMAN
BLAIRMORE
LETHBRIDGE

Resource Evaluation Branch

INTEGRATED RESOURCE INVENTORIES

▭ INVENTORY OVERLAP

Numbers refer to description in text

INTERPROVINCIAL BOUNDARY PLANS AND EAST OUTLINES

DETAILS : Interprovincial boundary plans have been prepared for the Alberta-British Columbia and Alberta-Northwest Territories boundaries. Similarly, east outlines have been prepared for the Alberta-Saskatchewan boundary. Boundary monuments, distances and elevation are indicated on both boundary plans and east outlines.

Being derived from aerial photographs, the boundary plans for the Alberta-British Columbia boundary indicate contours and topography in a very general graphical fashion. East outlines provide a description of the vegetation, hydrography and topography; e.g. "Rough, broken surface with steep slopes; rock ridges with muskegs and lakes; large areas of brule and windfall jackpine and spruce 1" to 8" diameter, willow and alder."

For related information refer to "Alberta 1:5 000 Orthophoto Topographic Map Series" on page 74, "Alberta 1:250 000 Ground Control Survey Maps" on page 83, "Baseline Plans" on page 93, "East Outline Plans" on page 112, "Forest Inventory Mapping" on page 129, "Township Plans" on page 207, "Aerial Photography" on page 298, "Alberta Township Survey Coordinate Computer File" on page 304, and "Alberta Township System Records" on page 305.

FILE SIZE : 165 map sheets

PROJECT DURATION : 1917-1956

SOURCE : Department of Energy, Mines and Resources, Surveys and Mapping Branch

LOCATION : Boundary plans and east outlines are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

LAND (SOIL) CAPABILITY FOR AGRICULTURE

DETAILS : A series of Canada Land Inventory (CLI) soil capability maps in which soils are classified into seven classes based upon their potential for agricultural land use.

For related information refer to "Agroclimatic Zones of Alberta" on page 65, "Exploratory Soil Survey Series" on page 122, "Present Land Use Map" on page 173, "Reconnaissance Soil Survey Map Series" on page 178, "Soil Survey of Urban Areas and Areas Adjacent to Urban Centres" on page 189, "Solonetzic Soils of Alberta" on page 192, "Maintaining and Expanding the Agricultural Land Base in Alberta" on page 254, "Soil Irrigability Reports" on page 290, and "Climate Inventory and Appraisal Records Computer File" on page 309.

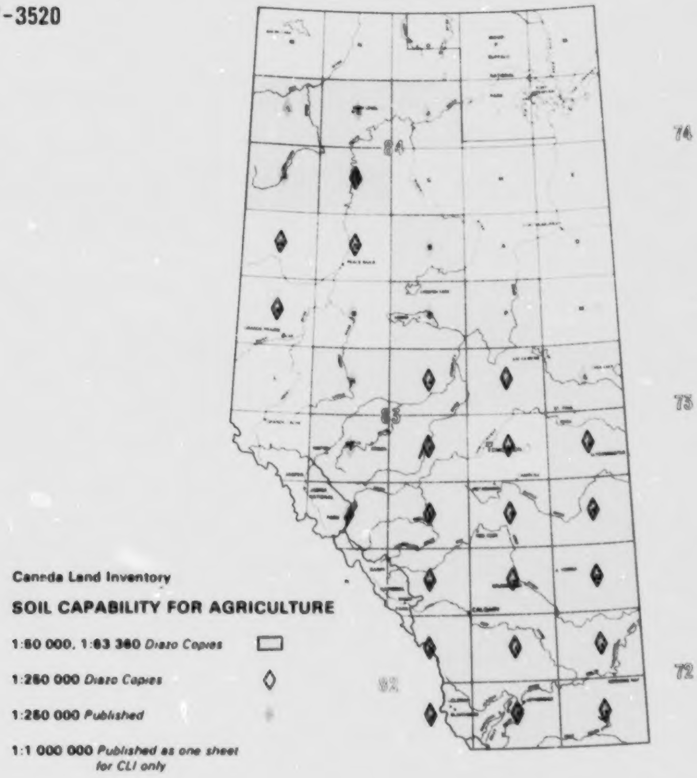
FILE SIZE : 915 map sheets

PROJECT DURATION : 1961-1977

SOURCE : Environment Canada, Lands Directorate

LOCATION : Soil capability maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520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74
83
73
82
72
Canada Land Inventory
SOIL CAPABILITY FOR AGRICULTURE
1:50 000, 1:63 360 Diazo Copies ▭
1:250 000 Diazo Copies ◇
1:250 000 Published
1:1 000 000 Published as one sheet for CLI only

LAND CAPABILITY FOR FORESTRY

DETAILS : A collection of Canada Land Inventory (CLI) and Alberta Land Inventory (ALI) maps at various scales indicating capability ratings for forest productivity based upon the lands' inherent ability of mineral or organic soils to grow timber in commercial quantities. Forest management practices are not considered. CLI and ALI maps differ in format only.

For related information refer to "Alberta 1:50 000 Provincial Resource Base Map Series (Planimetric and Forest Cover)" on page 77, "Alberta 1:190 080 Provincial Forest Reserve (Topographical) Maps" on page 82, "Forest Inventory Mapping" on page 129, "Vegetation Mapping - AOSERP" on page 208, "Environmental Effects of Forestry Operations in Alberta" on page 231, "Phase III Forest Inventory Information Reports" on page 279, "AFORISM - Alberta Forest Inventory Storage and Maintenance" on page 301, "Forest Fire Computer File" on page 320, "Forest Reserve Grazing Records Manual File" on page 321, "Silviculture Computer File" on page 362, and "Timber Production Records Manual File" on page 367.

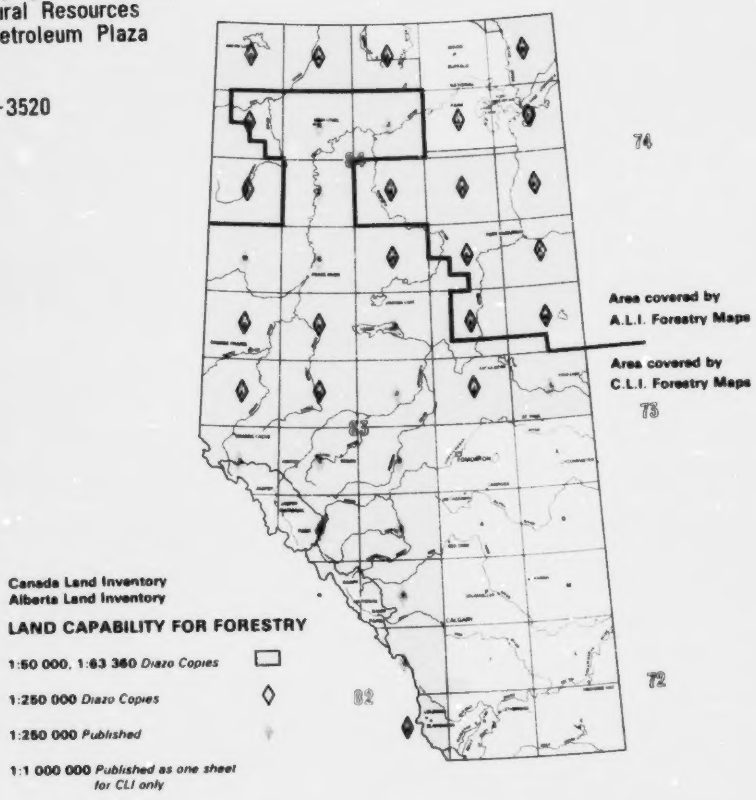
FILE SIZE : 1 170 map sheets

PROJECT DURATION : 1961-1977

SOURCE : Environment Canada, Lands Directorate and Alberta Energy and Natural Resources, Alberta Forest Service.

LOCATION : Land capability maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520


74
Area covered by A.L.I. Forestry Maps
Area covered by C.L.I. Forestry Maps
73
83
72
82
Canada Land Inventory
Alberta Land Inventory
LAND CAPABILITY FOR FORESTRY
1:50 000, 1:63 360 Diazo Copies ▭
1:250 000 Diazo Copies ◇
1:250 000 Published
1:1 000 000 Published as one sheet for CLI only

LAND CAPABILITY FOR FURBEARERS

DETAILS : A collection of maps (1:250 000) in which homogeneous land units were mapped, classified and evaluated on the basis of present capability for furbearer production. A Canada Land Inventory Project classification system was chosen, with a class ranging from one (highest) to seven (lowest), demarcating the habitat value and subclass showing the nature of the limitation for animal production.

For related information refer to "Wildlife Key Area Maps" on page 210, "Big Game Reports" on page 225, "Canadian Wildlife Service Manuscripts" on page 227, "Wildlife Management Series" on page 296, "Compulsory Registration (Wildlife Harvest) Statistics Computer File" on page 315, and "Natural Resources and Land-Related Data Bases" on page 330.

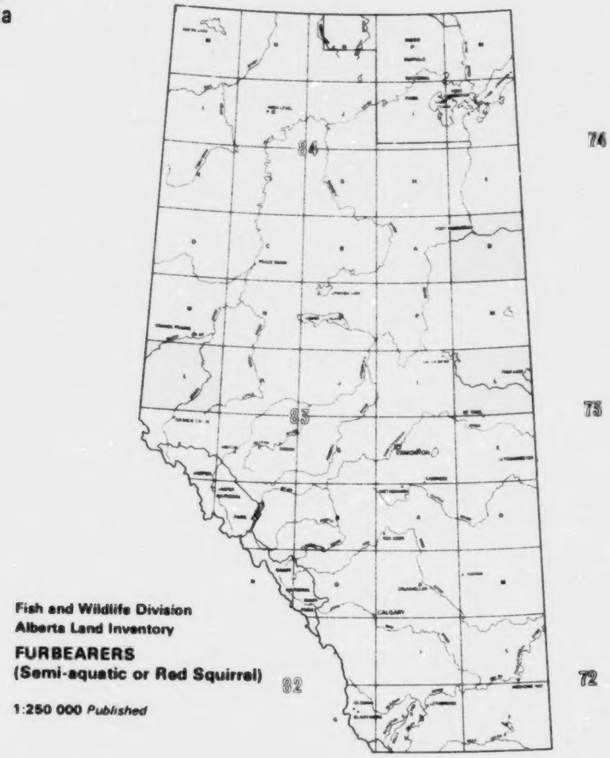
FILE SIZE : 3 map sheets

PROJECT DURATION : 1975-1977

SOURCE : Alberta Energy and Natural Resouces, Fish and Wildlife Division.

LOCATION : Furbearer maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520


74
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82
Fish and Wildlife Division
Alberta Land Inventory
FURBEARERS
(Semi-aquatic or Red Squirrel)
1:250 000 Published

LAND CAPABILITY FOR OUTDOOR RECREATION

DETAILS : A series of Canada Land Inventory (CLI) and Alberta Land Inventory (ALI) maps in which seven classes of land are differentiated on the basis of the intensity of outdoor recreational use, or the quantity of outdoor recreation, which may be generated and sustained per unit area of land per annum, under perfect market conditions. CLI and ALI maps differ in format only.

For related information refer to "Ecological (Biophysical) Land Classification of Banff and Jasper National Parks" on page 113, "Foothills Resource Allocation Studies" on page 125, "Provincial Parks : Topographic Maps, Aerial Photographs and Mosaics" on page 174, "Soil Surveys of National and Provincial Parks and Areas Assessed for Parks Planning" on page 183, "Canoe Alberta : A Guide To Alberta's Rivers" on page 228, "Integrated Resource Planning Projects" on page 247, "Land Use and Resource Development in the Eastern Slopes" on page 253, "Recreation Studies in Selected Alberta Communities" on page 281, "Natural Resources and Land-Related Data Bases" on page 330, and "Provincial Parks Inventory Manual File" on page 349.

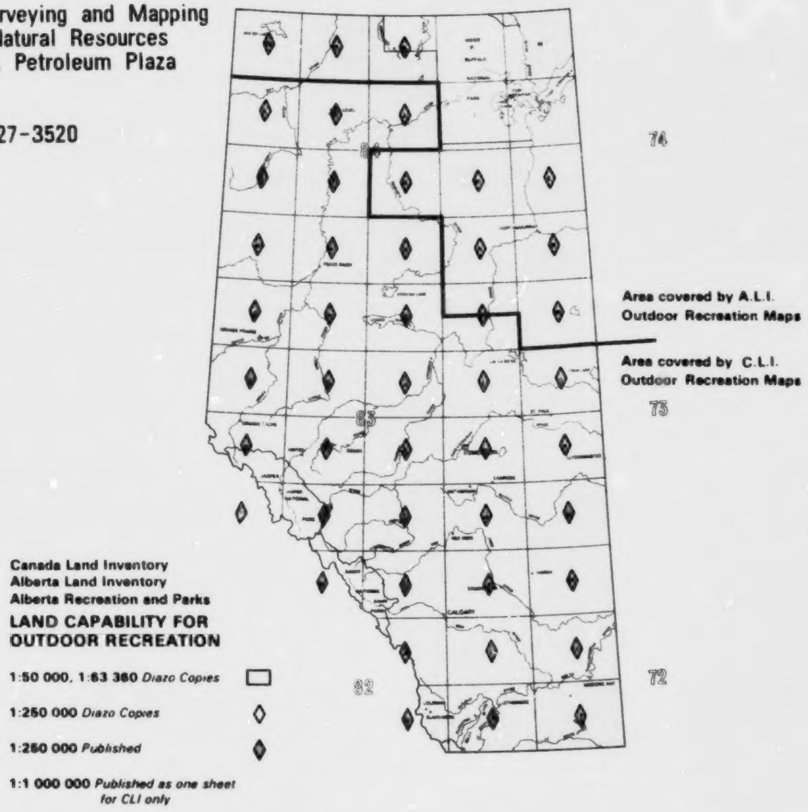
FILE SIZE : 1 494 map sheets

PROJECT DURATION : 1961-1977

SOURCE : Environment Canada, Lands Directorate and Alberta Recreation and Parks.

LOCATION : Land capability maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520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Area covered by A.L.I. Outdoor Recreation Maps
Area covered by C.L.I. Outdoor Recreation Maps
83
73
82
72
Canada Land Inventory
Alberta Land Inventory
Alberta Recreation and Parks
LAND CAPABILITY FOR OUTDOOR RECREATION
1:50 000, 1:63 360 Diazo Copies ▭
1:250 000 Diazo Copies ◇
1:250 000 Published ◆
1:1 000 000 Published as one sheet for CLI only

LAND CAPABILITY - SPORT FISH

DETAILS : A series of Canada Land Inventory (CLI) and Alberta Land Inventory (ALI) sport fish maps (1:250 000), indicating general fish-producing capability ratings on a watershed basis for most of Alberta. CLI and ALI maps differ in format only. Some important factors on which the classification is based are: oxygen occurrence, morphometry, nutrients, temperature, turbidity and limitations to use.

For related information refer to "Fish Resource Maps" on page 124, "Management Report Series (Fish)" on page 256, "Research Report Series (Fish)" on page 283, "Survey Report Series (Water Bodies)" on page 291, "Wildlife Management Series" on page 296, "Commercial Fish Catch Statistics Manual File" on page 314, "Fish Planting Statistics Manual File" on page 318, "Natural Resources and Land-Related Data Bases" on page 330, and "Field Guides and Handbooks" on page 387.

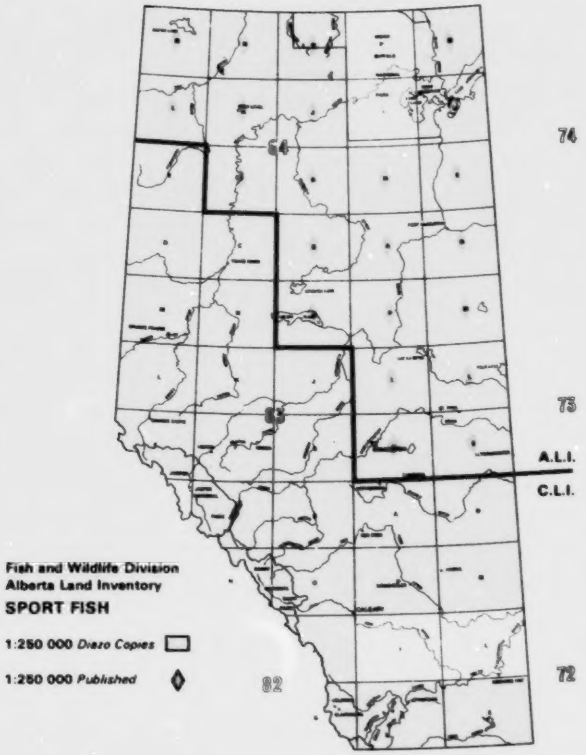
FILE SIZE : 67 map sheets

PROJECT DURATION : 1976-1977

SOURCE : Environment Canada, Lands Directorate and Alberta Energy and Natural Resources, Fish and Wildlife Division.

LOCATION : Sport fish maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520



LAND CAPABILITY FOR UNGULATES

DETAILS : A series of Canada Land Inventory (CLI) and Alberta land Inventory (ALI) maps in which the land is divided into units on the basis of physiographic characteristics important to wild ungulates. The degree of limitation associated with each unit determines its capability class. CLI and ALI maps differ in format only.

For related information refer to "Land Classification Studies - Ecological" on page 152, "Wildlife Key Area Maps" on page 210, "Big Game Reports" on page 225, "Canadian Wildlife Service Manuscripts" on page 227, "Occasional Papers (Wildlife) Series" on page 278, "Wildlife Management Series" on page 296, "Compulsory Registration (Wildlife Harvest) Statistics Computer File" on page 315, "Natural Resources and Land-Related Data Bases" on page 330, and "Field Guides and Handbooks" on page 387.

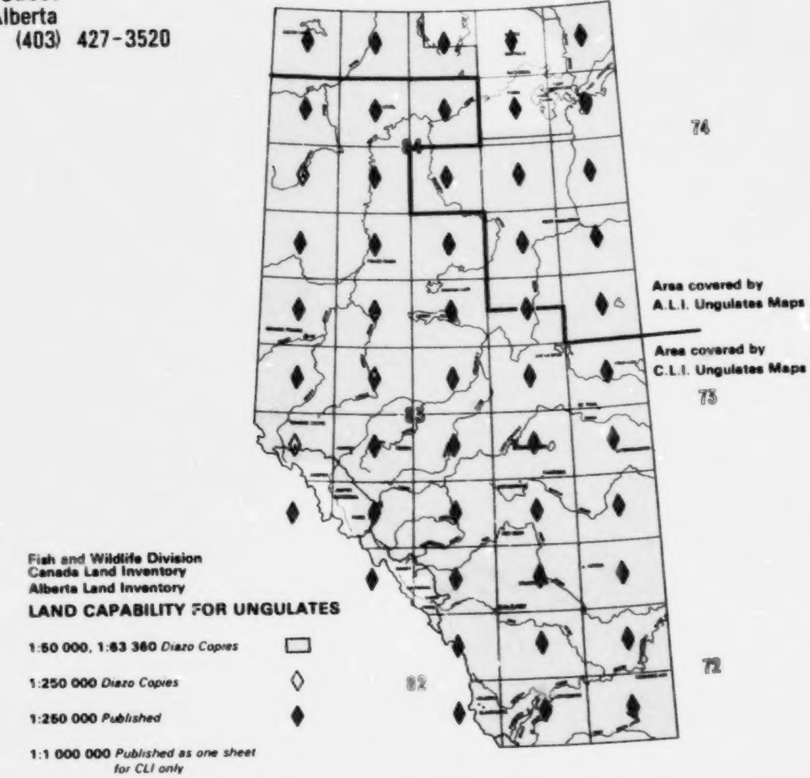
FILE SIZE : 1 502 maps

PROJECT DURATION : 1961-1977

SOURCE : Environment Canada, Lands Directorate and Alberta Energy and Natural Resources, Fish and Wildlife Division.

LOCATION : Land capability maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520


84
74
Area covered by
A.L.I. Ungulates Maps
Area covered by
C.L.I. Ungulates Maps
83
73
82
72
Fish and Wildlife Division
Canada Land Inventory
Alberta Land Inventory
LAND CAPABILITY FOR UNGULATES
1:50 000, 1:63 360 Diazo Copies ▭
1:250 000 Diazo Copies ◇
1:250 000 Published ◆
1:1 000 000 Published as one sheet for CLI only

LAND CAPABILITY FOR WATERFOWL

DETAILS : A series of Canada Land Inventory (CLI) and Alberta Land Inventory (ALI) maps in which the land is divided into units on the basis of physiographic characteristics important to waterfowl populations. The degree of limitation associated with each unit determines its capability class. CLI and ALI maps differ in format only.

For related information refer to "Land Classification Studies - Ecological" on page 152, "Wildlife Key Area Maps" on page 210, "Canadian Wildlife Service Manuscripts" on page 227, "Conservation Unit Guides" on page 230, "Game Bird Reports" on page 240, "Habitat Development Report Series" on page 245, "Miscellaneous Species Reports" on page 257, "Occasional Papers (Wildlife) Series" on page 278, "Wildlife Management Series" on page 296, "Lake Water Quality Surveys Computer File" on page 326, "Natural Resources and Land-Related Data Bases" on page 330, and "Field Guides and Handbooks" on page 387.

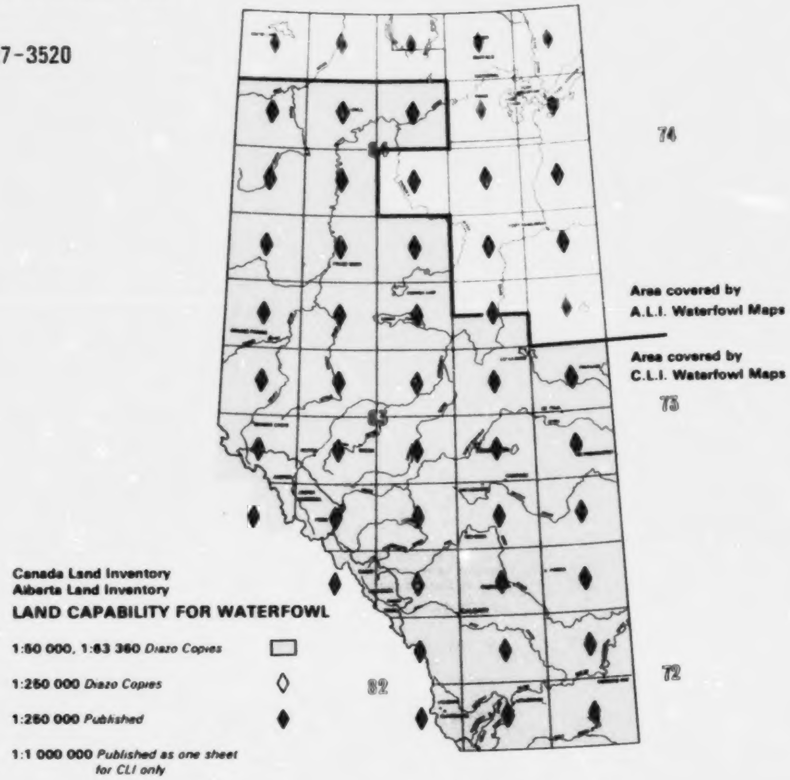
FILE SIZE : 1 237 map sheets

PROJECT DURATION : 1961-1977

SOURCE : Environment Canada, Lands Directorate and Alberta Energy and Natural Resources, Fish and Wildlife Division.

LOCATION : Land capability maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520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Area covered by A.L.I. Waterfowl Maps
Area covered by C.L.I. Waterfowl Maps
73
82
72
Canada Land Inventory
Alberta Land Inventory
LAND CAPABILITY FOR WATERFOWL
1:50 000, 1:63 360 Diazo Copies ▭
1:250 000 Diazo Copies ◇
1:250 000 Published ◆
1:1 000 000 Published as one sheet for CLI only

LAND CLASSIFICATION REGIONS FOR COAL EXPLORATION AND DEVELOPMENT IN ALBERTA

DETAILS : A map showing the broad land classification regions for coal exploration and development in Alberta is available in a report entitled **A Coal Development Policy for Alberta** A more detailed, larger scale map of the Eastern Slopes Region has also been prepared.

For related information refer to "Coal Disposition Map Series" on page 111, "Energy Resources Conservation Board (ERCB) Maps" on page 117, "Foothills Resource Allocation Studies" on page 125, "Land Use and Resource Development in the Eastern Slopes" on page 253, "Alberta Township System Records" on page 305, "Coal Exploration Permit File" on page 314, "Energy Resources Conservation Board (ERCB) Computer Files" on page 317, "Mineral Exploration Sample Storage Manual File" on page 328, "Mineral Agreement Information System (MAIS)" on page 327, and "Natural Resources and Land-Related Data Bases" on page 330.

FILE SIZE : 2 maps

SOURCE : Alberta Energy and Natural Resources, Mineral Resources Division.

LOCATION : The report **A Coal Development Policy for Alberta** is available for viewing at:[24]

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

The more detailed, larger scale map of the Eastern Slopes region is available in diazo from:

Manager, Mapping/Drafting
Minerals Support Branch
Mineral Resources Division
Alberta Energy and Natural Resources
12th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7705

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[24] The report **A Coal Development Policy for Alberta** is currently being revised.

LAND CLASSIFICATION STUDIES - ECOLOGICAL

DETAILS : A series of reports containing environmental baseline information for selected study areas in Alberta. The information supplied is an integration of landform, soils, climate, vegetation and drainage. Use potential rates similar to the Canada Land Inventory (CLI) capability classes are indicated for agriculture, forestry, recreation and wildlife. The following study areas have been completed (April 1985):

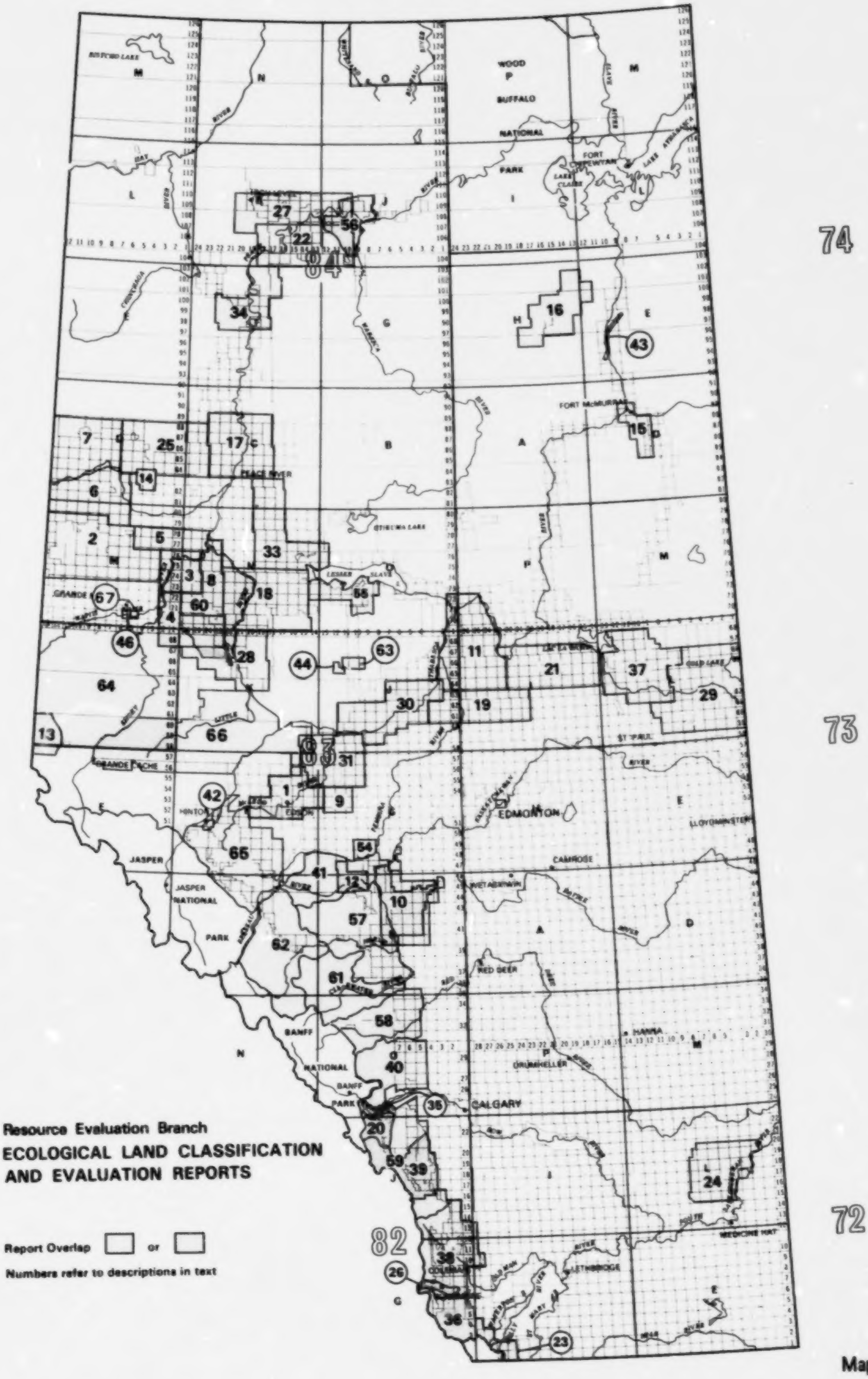
(P : published reports)
(U : unpublished information packages)
(I : in preparation)

Ecoregions of Alberta (1:1 500 000). This report and map delineates climatic regions with associated vegetation and climate and is available from the Resource Appraisal Section.

1. Edson Peers (U)
2. Saddle Hills (U)
3. Puskwaskau (U)
4. Sturgeon Lake (P)
5. Birch Lake (P)
6. Blueberry Mountain (P)
7. Clear River (P)
8. Puskwaskau East (U)
9. Mackay (U)
10. Medicine Lake (U)
11. Fawcett-Moose Portage (U)
12. Brazeau (U)
13. Kakwa (U)
14. George Lake (U)
15. Ft. McMurray-Gregoire Lake (U)
16. Namur Lake (U)
17. Dixonville (P)
18. Snipe Lake (U)
19. Rochester (P)
20. Kananaskis (U)
21. Boyle-Lac La Biche (U)
22. La Crete (P)
23. Poll Haven (U)
24. Suffield (U)
25. Whitemud Hills (P)
26. Crowsnest Past (U)
27. High Level (P)
28. Little Smoky (P)
29. Cold Lake (P)
30. Fort Assiniboine (P)
31. Whitecourt (P)
33. McLennan (U)
34. Carcajou (P)
35. Canmore Corridor (U)
36. Castle River (P)
37. Lakeland (P)
38. Livingstone Porcupine (P)
39. Highwood-Sheep (P)
40. Ghost River (P)
41. Brazeau Pembina (P)
42. Cache Percotte (U)
43. McKay Development Corridor (U)
44. Swartz Lake (P)
46. Wapiti Grande Prairie Sand Dunes (U)
55. Frost Hills (P)
56. Jean D'Or Prairie (P)
57. Rocky North Saskatchewan (P)
58. Red Deer James (I)
59. Kananaskis Country (P)
60. Sturgeon Puskwaskau East (P)
61. Ram Clearwater (U)
62. Chungo Cline Nordegg (U)
63. Swan Hills Townsite (P)
64. Deep Basin (I)
65. Coal Branch (I)
66. Berland (I)
67. Bear River-Wapiti (I)

Several reports have been deleted from this series as they have been superceded by more recent reports. Other reports pertaining to Grazing Reserves have been relocated to a new section: refer to "Special Ecological Studies" on page 193.

For additional related information refer to: "Alberta 1:50 000 Provincial Resource Base Map Series (Planimetric and Forest Cover)" on page 77, "Ecological (Biophysical) Land Classification of Banff and Jasper National Parks" on page 113, "Forage Inventory Program" on page 127, "Forest Inventory Mapping" on page 129, "Integrated Resource Inventories" on page 141, "Land Capability for Waterfowl" on page 150, "Land Capability for Ungulates" on page 149, "Land Capability - Sport Fish" on page 148, "Land Capability for Furbearers" on page 146, "Land Capability for Forestry" on page 145, "Land (Soil) Capability for Agriculture" on page 144, "Land Capability for Outdoor Recreation" on page 147, "Land Classification Studies - Physical" on page 155, "Range Allotment Maps" on page 176, "Reconnaissance Soil Survey Map Series" on page 178, "Biophysical River Valley Studies" on page 226, "Wildlife Key Area Maps" on page 210, "Environmental Research and Development Reports" on page 235, "Integrated Resource Planning Projects" on page 247, "Kananaskis Country and Surrounding Area Bibliographic References" on page 249, "Resource Assessment Studies" on page 284, and "Climate Inventory and Appraisal Records Computer File" on page 309.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WOOD BUFFALO NATIONAL PARK
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LAKE ATHABASCA
FORT McMURRAY
PEACE RIVER
LESSER SLAVE LAKE
GRANDE PRAIRIE
GRANDE CACHE
HINTON
EDSON
JASPER
JASPER NATIONAL PARK
EDMONTON
LLOYDMINSTER
ST PAUL
COLD LAKE
CAMROSE
WETASKIWIN
RED DEER
HANNA
DRUMHELLER
BANFF
BANFF NATIONAL PARK
CALGARY
COLEMAN
LETHBRIDGE
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Resource Evaluation Branch

ECOLOGICAL LAND CLASSIFICATION AND EVALUATION REPORTS

Report Overlap ☐ or ☐

Numbers refer to descriptions in text

FILE SIZE : 59 studies

PROJECT DURATION : 1969-

SOURCE : Alberta Energy and Natural Resources, Resource Evaluation and Planning Division, Resource Evaluation Branch, Resource Appraisal Section.

LOCATION : Published reports are available from:

Resource Appraisal Section
Resource Evaluation Branch
Resource Evaluation and Planning Division
Alberta Energy and Natural Resources
4th Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-7222

Or for viewing at:

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

LAND CLASSIFICATION STUDIES - PHYSICAL

DETAILS : A series of maps with accompaning reports ranging in scale from 1:15 000 to 1:250 000, displaying genetic composition (landform and parent geological material), surface expression, texture, slope and aspect, with the integration of soil classification and drainage based upon the Canadian Systems of Soil Classification (CSSC). The maps provide a physical land resource data base for resource management and planning. The following study areas have been completed (April 1985):

(I : in preparation)
(C : complete, but not yet published)
(P : published)

1. Iosegun Lake (P) 1:15 000
2. Rocky Mtn. House Grazing Reserve (P) 1:50 000
3. Cold Lake (P) 1:50 000
4. Ghost-Waiparious (P) 1:50 000
5. Livingstone-Porcupine (P) 1:50 000
6. Canmore Corridor (C) 1:250 000
7. Willmore-Kakwa (P) 1:50 000
8. Brazeau-Pembina (P) 1:50 000
9. Berland Subregional (P) 1:250 000
10. Pembina Grazing Reserve (P) 1:15 000
11. Cache Percotte (P) 1:50 000
12. Frost Hills (C) 1:50 000
13. Swan Hills (I) 1:50 000
14. Rocky-North Saskatchewan Area (P) 1:50 000
15. Management Unit W4 (C) 1:15 000[25]
16. Swartz Lake (P) 1:15 000
17. Peace River Slopes (P) 1:15 000
18. Red Deer-James B6 (C) 1:50 000
19. Jean D'Or Prairie (C) 1:50 000
20. Sang Lake Grazing Reserve (P) 1:50 000
21. Carcajou (C) 1:50 000
22. Linton Lake (C) 1:50 000
23. Lower Peace (C) 1:250 000
24. Chungo-Cline-Nordegg (C) 1:50 000
25. Swan Hills Townsite (C) 1:15 000
26. Rochester (P) 1:50 000
27. Ram-Clearwater (C) 1:50 000
28. Clearwater Grazing Reserve (C) 1:15 000
29. Bear River-Wapiti (C) 1:15 000
30. EO1 & E2 Mananagement Unit (C) 1:50 000
31. Easy & Dry Creek (P) 1:50 000
32. Upper McLeod River (P) 1:15 000
33. Sunland Drainage (P) 1:15 000

For related information refer to "1:50 000 Aggregate Inventory Maps" on page 59, "1:250 000 Aggregate Inventory Maps" on page 63, "Exploratory Soil Survey Series" on page 122, "Integrated Resource Inventories" on page 141, "Land (Soil) Capability for Agriculture" on page 144, "Land Classification Studies - Ecological" on page 152, "Reconnaissance Soil Survey Map Series" on page 178, "Special Geomorphic Landform Maps" on page 194, "Surficial Geology - Alberta Research Council" on page 196, "Surficial Geology - Geological Survey of Canada" on page 202, "Surficial Geology and Erosion Potential, Foothills of Alberta" on page 205, "Aggregate Inventory Reports - Alberta Research Council" on page 215, "Aggregate Resource Evaluation Reports" on page 217, "Erosion of Land in Northwestern Alberta" on page 236, and "Integrated Resource Planning Projects" on page 247.

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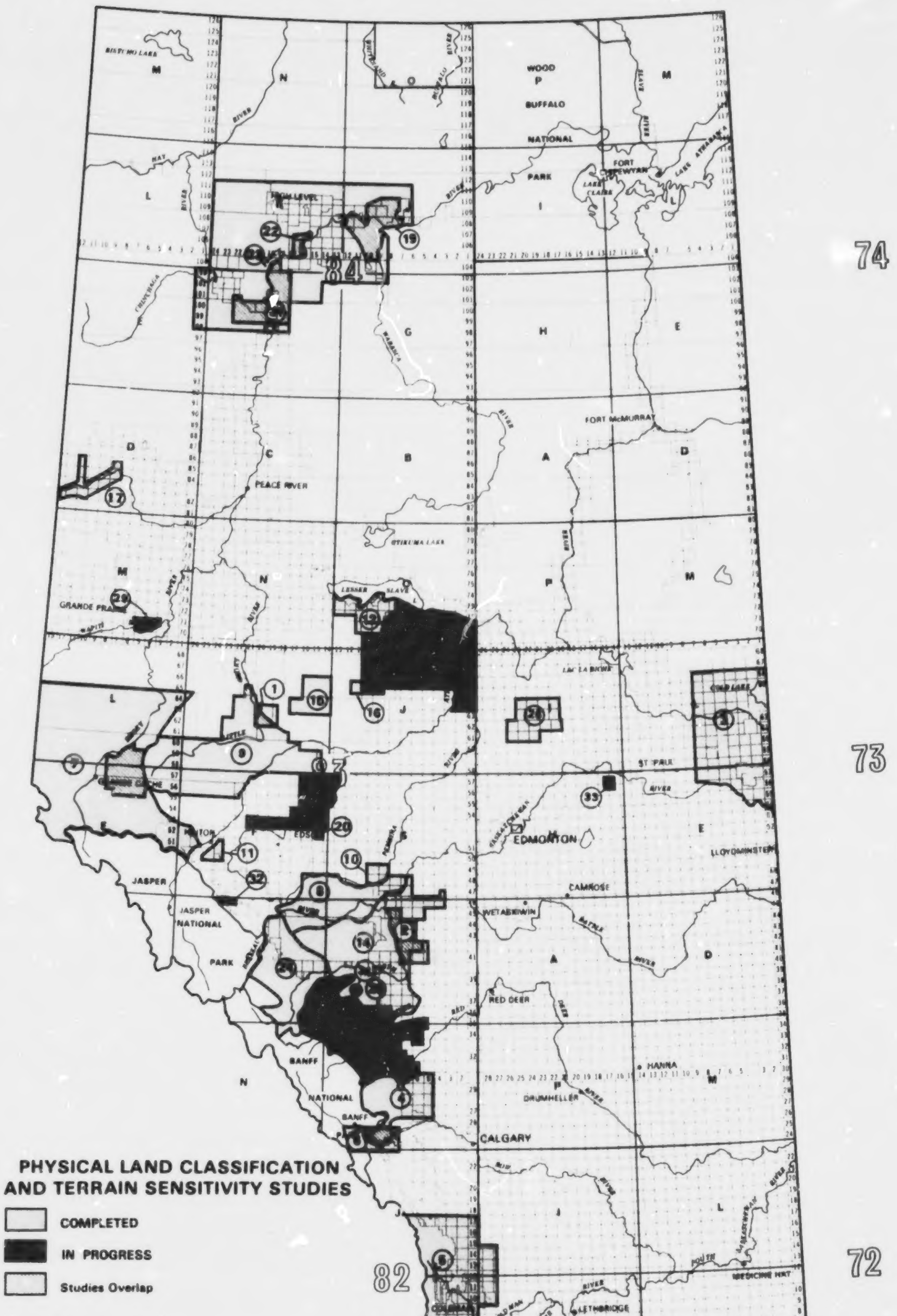
[25] With full or partial terrain sensitivity interpretation.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LAKE CLAIRE
LAKE ATHABASCA
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PEACE RIVER
UTIKUMA LAKE
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GRANDE PRAIRIE
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COLD LAKE
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EDMONTON
LLOYDMINSTER
JASPER
JASPER NATIONAL PARK
CAMROSE
WETASKIWIN
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HANNA
DRUMHELLER
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CALGARY
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MEDICINE HAT
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PHYSICAL LAND CLASSIFICATION AND TERRAIN SENSITIVITY STUDIES

☐ COMPLETED

■ IN PROGRESS

▨ Studies Overlap

For details, see text.

FILE SIZE : 33 studies

PROJECT DURATION : 1977-

FREQUENCY OF UPDATE : Studies are not usually updated, but additions are added annually.

SOURCE : Alberta Energy and Natural Resources, Resource Evaluation and Planning Division, Resource Evaluation Branch, Land Classification Section.

LOCATION : Physical Land Classification and Terrain Sensitivity Maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

Physical Land Classification and Terrain Sensitivity reports are available from:

Land Classification Section
Resource Evaluation Branch
Resource Evaluation and Planning Division
Alberta Energy and Natural Resources
4th Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-7222

LAND OWNERSHIP MAP SERIES

DETAILS : A series of land ownership maps have been prepared at a scale of 1:126 720 for improvement districts 1, 10, 14, 16, Pt 17, Pt 18, 19, 20, 21, 22 and 23.

For related information refer to "Land Registry Maps" on page 159, "Land Use and Zoning Maps" on page 160, "Metallic Minerals Disposition Maps" on page 162, "Present Land Use Map" on page 173, and "Municipal Planning Information" on page 260.

FILE SIZE : 19 maps

PROJECT DURATION : 1955-

FREQUENCY OF UPDATE : Periodically

SOURCE : Alberta Municipal Affairs, Improvement District Operations

LOCATION : For colored copies or for information regarding the availability of maps contact:

Forms Duplicating and Stock Advance
Central Services Branch
Alberta Municipal Affairs
4th Fl., Jarvis Bldg.
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-4880

For additional information regarding land ownership maps, consult **Mapping Index 1981**, prepared by the Planning Services Division of Alberta Municipal Affairs. The publication is available from the above address.

LAND REGISTRY MAPS

DETAILS : Land registry maps have been prepared at 1:63 360 for most parts of Alberta. These maps indicate established and reserved lands. Established areas include provincial and wilderness parks, wilderness, natural and forestry recreational areas, ecological reserves, historic sites and highway campsites. Reserved areas include reserved land and ecological reserves. A township registry code for reserved lands is provided.

For related information refer to "Alberta 1:190 080 Provincial Forest Reserve (Topographical) Maps" on page 82, "Land Ownership Map Series" on page 158, "Land Use and Zoning Maps" on page 160, "Metallic Minerals Disposition Maps" on page 162, "Present Land Use Map" on page 173, "Range Allotment Maps" on page 176, "Conservation of Historical and Archaeological Resources in Alberta" on page 230, "Municipal Planning Information" on page 260, "Forest Reserve Grazing Records Manual File" on page 321, "Provincial Parks Inventory Manual File" on page 349, "Restricted Areas Manual File (Geophysical Exploration)" on page 351, and "Restricted Development Areas Manual File" on page 352.

FILE SIZE : 447 map sheets

PROJECT DURATION : 1976-

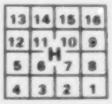
FREQUENCY OF UPDATE : As required

SOURCE : Alberta Recreation and Parks, Design and Implementation Division.

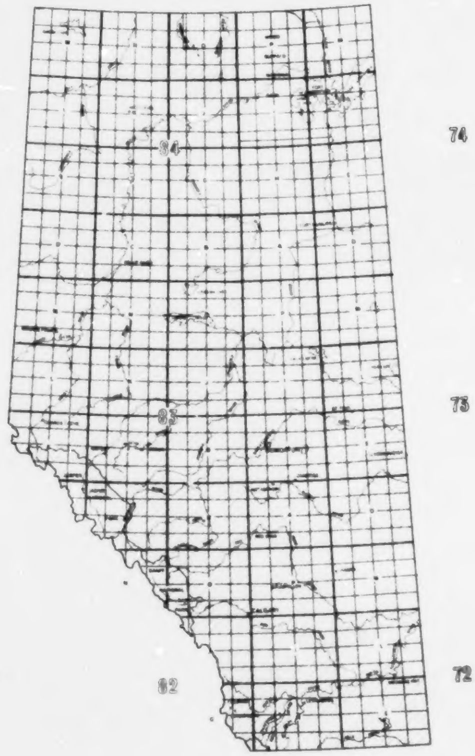
LOCATION : Land registry maps are available from:

Technical Services Branch
Design and Information Division
Alberta Recreation and Parks
6th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-6798

LAND REGISTRY SYSTEM
(Map Availability Sheet)



Block Showing Map Sheet Number



LAND USE AND ZONING MAPS

DETAILS : A series of land-use and zoning maps has been prepared at a scale of 1:7 200 to illustrate residential, industrial, community and urban reserve land uses, and zoning regulations for various municipalities in Alberta not covered by regional or municipal planning commissions. Maps are based on land-use and zoning by-laws.

For related information refer to "Alberta 1:1 000 Cadastral Base Series" on page 67, "Alberta 1:2 400 and 1:7 200 Cadastral Map Series" on page 68, "Alberta 1:5 000 Cadastral Map Series" on page 69, "Alberta 1:5 000 Cadastral Orthophoto Contour Base Map Series" on page 71, "Alberta 1:5 000 Orthophoto Contour Base Map Series" on page 73, "Alberta 1:7 200 Cadastral Index Map Series" on page 75, "Present Land Use Map" on page 173, "Land Conservation and Reclamation" on page 251, "Municipal Drinking Water Quality and Quantity" on page 259, "Municipal Planning Information" on page 260, and "Restricted Development Areas Manual File" on page 352.

FILE SIZE : 120 municipalities

PROJECT DURATION : 1955-

FREQUENCY OF UPDATE : Periodically

SOURCE : Alberta Municipal Affairs, Planning Services Division.[26]

LOCATION : For diazo copies or information regarding availability of maps contact:

Forms Duplicating and Stock Advance
Central Services Branch
Alberta Municipal Affairs
4th Fl., Jarvis Bldg.
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-4880

For those maps where diazo copies are not available, a library copy is available for reference upon request.

For further details as to which municipalities have had land use and zoning maps prepared, consult **Mapping Index 1981** prepared by the Planning Services Division of Alberta Municipal Affairs. This publication is available from the above address.

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[26] This series covers only the Provincial Planning Services Areas. Refer to "Municipal Planning Information" on page 260 for additional information and a map delineating the area of the province under the jurisdiction of Alberta Municipal Affairs.

LIGHTNING OVER ALBERTA

DETAILS : Two reports, dealing with the distribution and frequency of May to September lightning over Alberta, **Lightning Means in Alberta** and **Lightning Over Alberta**, with accompanying monthly maps, were prepared for the period 1972-1977 and 1974-1977, respectively.

The data analysed in these publications were collected from more than 175 provincial and federal observation stations.

for related information refer to "Meteorological Analysis Reports" on page 257, "Alberta Environment Real Time Hydrometeorological Network Computer File" on page 300, "Climatological Records Computer File" on page 311, "Forest Station Weather Records Computer File" on page 322, and "Weather Radar Data Computer File" on page 374.

FILE SIZE : 50 monthly maps

PROJECT DURATION : 1972-1977

SOURCE : Alberta Energy and Natural Resources, Alberta Forest Service.

LOCATION : Copies of this publication and further information may be obtained from:

Weather Section
Forest Protection Branch
Alberta Forest Service
Alberta Energy and Natural Resources
Alberta Forest Service Depot
10625-120th Avenue
Edmonton, Alberta
T5E 5S9 (403) 427-6810

LOW LEVEL PILOTAGE CHARTS

DETAILS : Low-level pilotage charts are available for part of Alberta at a scale of 1:500 000. These charts provide aeronautical and topographical information. A contour interval of 1000 feet is used, except in cases of extreme slope, in which case contour intervals of either 500 feet or 250 feet are used. Aeronautical information is not for air navigation purposes.

For related information refer to "Nautical Charts" on page 168, "Visual Flight Regulations (VFR) Navigation Charts" on page 209, and "World Aeronautical Charts" on page 211.

FILE SIZE : 13 maps

PROJECT DURATION : 1973-

FREQUENCY OF UPDATE : Periodically

SOURCE : Department of Energy, Mines and Resources, Surveys and Mapping Branch.

LOCATION : Charts are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

METALLIC MINERALS DISPOSITION MAPS

DETAILS : Maps showing where a metallic mineral exploration permit or a lease has been issued and to whom.

For related information refer to "Land Ownership Map Series" on page 158, "Land Registry Maps" on page 159, "Land Use and Zoning Maps" on page 160, "Present Land Use Map" on page 173, "Alberta Land Use Forum" on page 219, "Land Use and Resource Development in the Eastern Slopes" on page 253, "Alberta Township System Records" on page 305, and "Mineral Agreement Information System (MAIS)" on page 327.

FILE SIZE : 3 maps

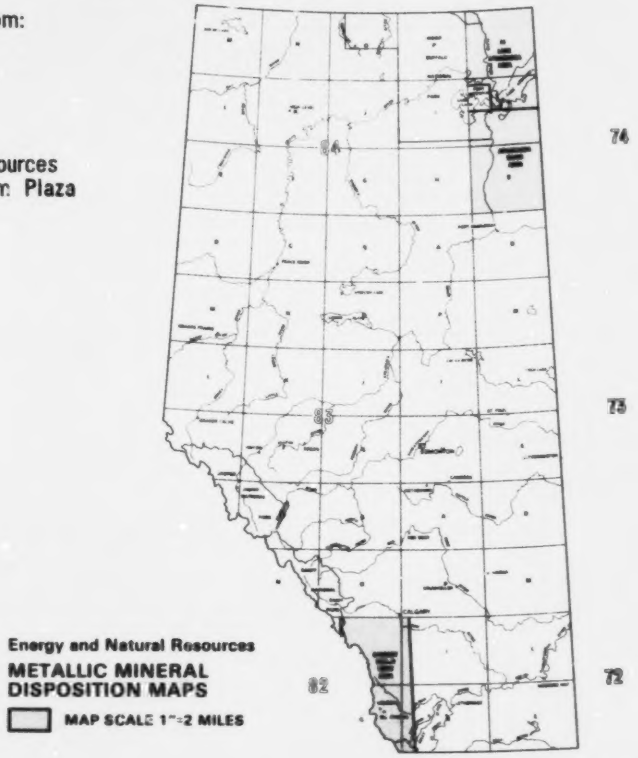
PROJECT DURATION : 1953 -

FREQUENCY OF UPDATE : Daily

SOURCE : Alberta Energy and Natural Resources, Minerals Support Branch.

LOCATION : Diazo copies are available from:

Manager, Mapping/Drafting
Minerals Support Branch
Mineral Resources Division
Alberta Energy and Natural Resources
12th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7705



MUNICIPAL CONTOUR MAPS

DETAILS : A series of contour maps has been prepared for various rural municipalities in Alberta a scale of 1:2 400.

For related information also refer to "Alberta 1:1 000 Cadastral Base Series" on page 67, "Alberta 1:2 400 and 1:7 200 Cadastral Map Series" on page 68, "Alberta 1:5 000 Cadastral Map Series" on page 69, "Alberta 1:5 000 Cadastral Orthophoto Contour Base Map Series" on page 71, "Alberta 1:5 000 Orthophoto Contour Base Map Series" on page 73, "Alberta 1:7 200 Cadastral Index Map Series" on page 75, "Alberta 1:5 000 Orthophoto Topographic Map Series" on page 74, and "Municipal Planning Information" on page 260.

FILE SIZE : 75 municipalities

PROJECT DURATION : 1955-

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Municipal Affairs, Planning Services Division.[27]

LOCATION : For copies or information regarding availability of maps contact:

Forms Duplicating and Stock Advance
Central Services Branch
Alberta Municipal Affairs
4th Fl., Jarvis Bldg.
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-4880

For further detail as to which municipalities have had municipal contour maps prepared, consult **Mapping Index 1981**, prepared by the Planning Services Division of Alberta Municipal Affairs. This publication is available from the above address.

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[27] This series covers only the Provincial Planning Services Areas. Refer to "Municipal Planning Information" on page 260 for additional information and a map delineating the area of the province under the jurisdiction of Alberta Municipal Affairs.

MUNICIPALITIES MAP

DETAILS : A map showing municipalities in Alberta is available at a scale of 1:750 000.

For related information refer to "Alberta 1:100 000 Provincial Map Series" on page 79, "Alberta 1:250 000 Provincial Access Series" on page 85, "Alberta 1:500 000 Provincial Base Map Series" on page 86, "Alberta 1:750 000 Provincial Map Series" on page 87, "Alberta 1:1 000 000 Provincial Map Series" on page 88, "Alberta 1:1 500 000 Provincial Map Series" on page 89, "Municipal Contour Maps" on page 163, and "Municipal Planning Information" on page 260.

FILE SIZE : 1 map

PROJECT DURATION : 1977

FREQUENCY OF UPDATE : Periodically

SOURCE : Alberta Municipal Affairs

LOCATION : Map is available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

NATIONAL ATLAS OF CANADA

DETAILS : The National Atlas of Canada is a major output of the National Geographical Mapping Program. This program is a planned and coordinated response to perceived national needs for geographically and spatially referenced information on Canada.

Previous editions of the National Atlas, 1906, 1915, 1957 and 1974, presented mapped information in conventional bound form. The new atlas involves research for and presentation of maps in larger format than previous editions (1:7 500 000). The maps are produced and distributed separately.

Eventually the atlas will consist of a comprehensive set of maps providing socio-economic, cultural and environmental information (over 200 map subjects will be published). Currently, the following maps are available in either French or English:

1. Agricultural Lands
2. Canada
3. Census Divisions and Census Subdivisions 1971
4. Coal
5. Confederation
6. Energy
7. First Frost in Autumn
8. Frost-Free Period
9. Growing Degree days

10. Heating Degree Days
11. Indian and Inuit Communities Languages
12. Indian and Inuit Population Distribution
13. Last Frost in Spring
14. Public Fish Hatcheries
15. Results of the 32nd Federal Election, Feb. 18, 1980
16. Soil Capability for Agriculture
17. Territorial Evolution
18. The 31st Parliament
19. The 32nd Parliament

For related information refer to "Alberta 1:5 000 000 Thematic Resource Maps" on page 91.

FILE SIZE : 19 maps

PROJECT DURATION : 1978-

SOURCE : Department of Energy, Mines and Resources; Surveys and Mapping Branch.

LOCATION : Maps can be ordered from:

Canada Map Office
Surveys and Mapping Branch
Energy Mines and Resources Canada
615 Booth Street
Ottawa, Ontario
K1A 0E9 (613) 998-9900

All orders placed through the above address must be prepaid. However, most topographic map dealers carry these maps. Consult "Alberta Topographic Map Dealers" on page 28 for the location of the nearest dealer in in Alberta.

If elements of a specific map (such as an oil pipeline network) are required for the preparation of other maps, special arrangements can made subject to copyright and credit requirements. For further information contact:

Chief, Geographical Research Division
Geographical Services Directorate
Surveys and Mapping Branch
Canada Department of Energy, Mines and Resources
615 Booth Street
Ottawa, Ontario
K1A 0E9

NATIONAL TOPOGRAPHIC SYSTEM (NTS) MAPS

DETAILS : Five series of the National Topographic System maps exist for Alberta, each with a varying scale and contour interval. These maps indicate spot elevations, contours, surveys, access, hydrography, wooded areas and cultural features such as schools, parks and cities.

Topographical maps are available for the entire province at 1:100 000, 1:500 000 and 1:250 000. The 1:50 000 series (shown on the followimg map) is nearly complete for Alberta. In addition, a 1:25 000 series of topographic maps has been prepared for Edmonton, Red Deer, Calgary, Medicine Hat, Lethbridge and the Wainwright area.

For related information refer to "Alberta 1:100 000 Provincial Map Series" on page 79, "Alberta 1:250 000 Provincial Access Series" on page 85, "Alberta 1:500 000 Provincial Base Map Series" on page 86, "Alberta 1:750 000 Provincial Map Series" on page 87, "Alberta 1:1 000 000 Provincial Map Series" on page 88, and "Alberta Township Survey Coordinate Computer File" on page 304.

FILE SIZE :

1:1 000 000	6 maps
1:500 000	16 maps (until present stocks depleted)
1:250 000	50 maps
1:50 000	750 maps
1:25 000	47 maps

PROJECT DURATION : 1910-

FREQUENCY OF UPDATE : Periodically

SOURCE : Department of Energy, Mines and Resources, Surveys and Mapping Branch

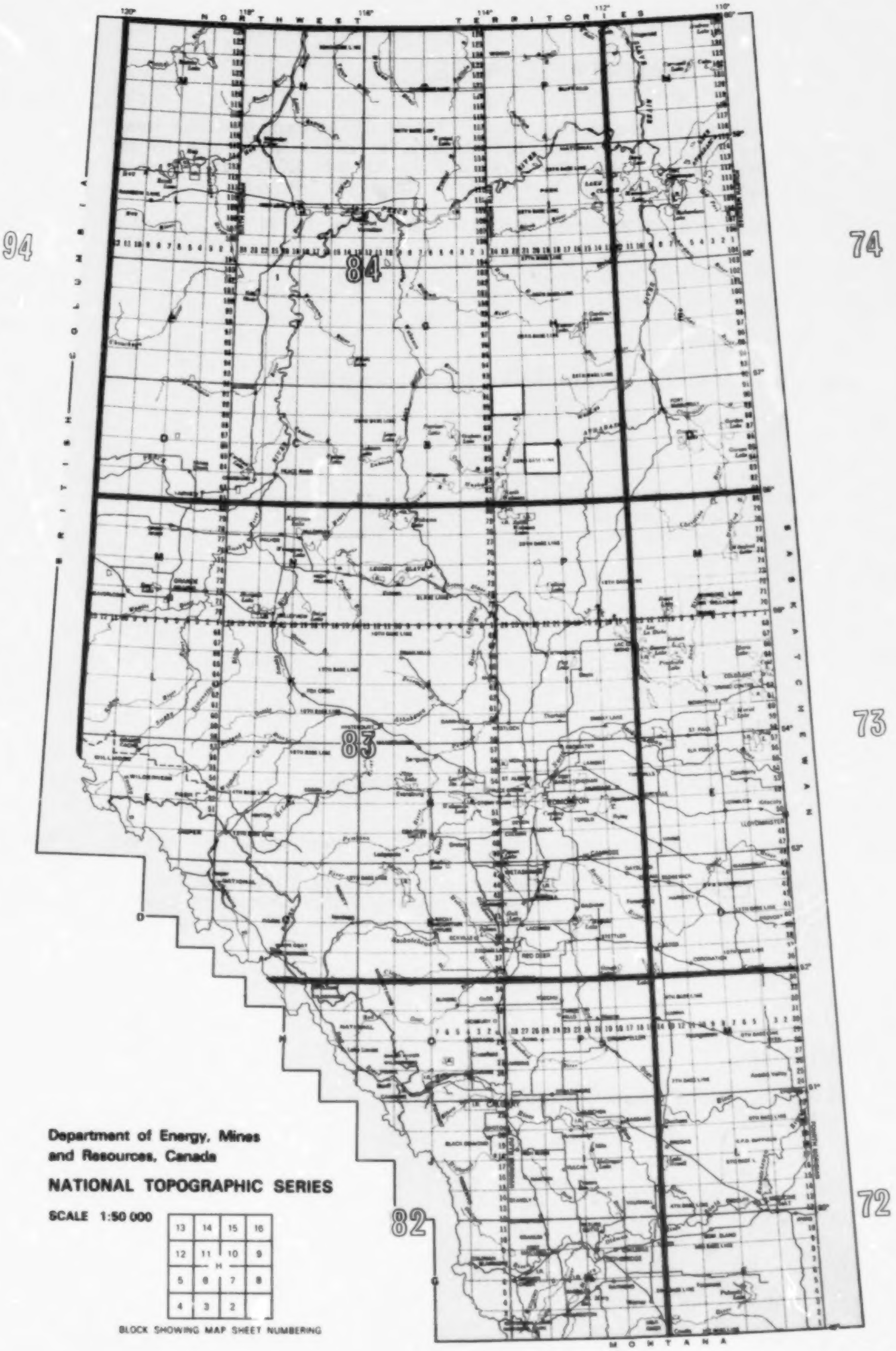
LOCATION : NTS maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

or

Publications and Air Photo Section
Institute of Sedimentary and Petroleum Geology
Geological Survey of Canada
Energy Mines and Resources
3303-33rd Street, N.W.
Calgary, Alberta
T2L 2A7 (403) 284-0354

For a listing of other map distribution outlets in Alberta, refer to "Alberta Topographic Map Dealers" on page 28. Indexes of available maps for all parts of Canada are available at the distribution outlets.


NORTHWEST TERRITORIES
BRITISH COLUMBIA
SASKATCHEWAN
MONTANA
94
84
74
83
73
82
72
120°
118°
116°
114°
112°
110°
60°
56°
52°
49°

Department of Energy, Mines and Resources, Canada

NATIONAL TOPOGRAPHIC SERIES

SCALE 1:50 000

13	14	15	16
12	11	10	9
5	6	7	8
4	3	2	

BLOCK SHOWING MAP SHEET NUMBERING

NAUTICAL CHARTS

DETAILS : A series of nautical charts is available for the Lake Claire-Lake Athabasca region of north-eastern Alberta, the Athabasca River from Fort McMurray to Lake Athabasca and for the Vermilion Chutes region of Peace River. Charts vary in scale from 1:31 680 to 1:250 000. These form part of a larger collection of nautical charts for the MacKenzie River Basin.

For related information refer to "Bathymetric Survey Map Series" on page 94.

FILE SIZE : 5 maps

PROJECT DURATION : 1962-

FREQUENCY OF UPDATE : Periodically

SOURCE : Environment Canada, Canadian Hydrographic Service, Marine Sciences Branch.

LOCATION : Nautical charts are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

OIL AND GAS AREA MAP SERIES

DETAILS : A series of maps (1:84 480) displaying well location, current well status, and oil and gas fields.

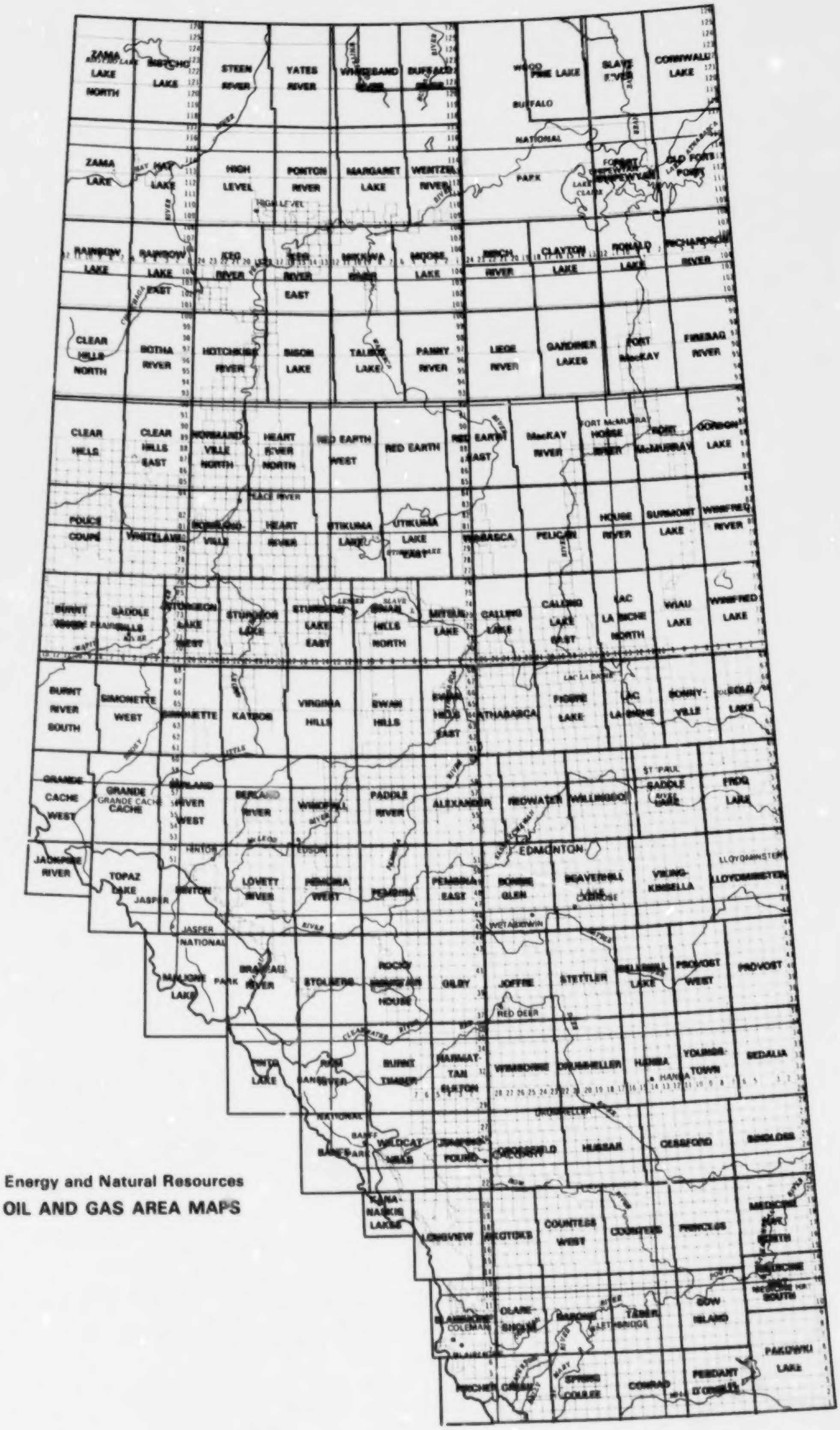
For related information refer to "Energy Resources Conservation Board (ERCB) Maps" on page 117, "Oil Sands Area Maps" on page 170, "Alberta Township System Records" on page 305, "Energy Resources Conservation Board (ERCB) Computer Files" on page 317, and "Natural Resources and Land-Related Data Bases" on page 330.

FILE SIZE : 149 map sheets

PROJECT DURATION : 1950-

FREQUENCY OF UPDATE : Daily

SOURCE : Alberta Energy and Natural Resources, Minerals Support Branch.


ZAMA LAKE NORTH
BISTCHO LAKE
STEEN RIVER
YATES RIVER
WHITESAND RIVER
BUFFALO RIVER
WOOD BUFFALO NATIONAL PARK
PINE LAKE
SLAVE RIVER
CORNWALL LAKE
ZAMA LAKE
HAY LAKE
HIGH LEVEL
PONTON RIVER
MARGARET LAKE
WENTZEL RIVER
FORT CHIPEWYAN
OLD FORT POINT
LAKE CLAIRE
RAINBOW LAKE
RAINBOW LAKE EAST
KEG RIVER
KEG RIVER EAST
MIKKWA RIVER
MOOSE LAKE
BIRCH RIVER
CLAYTON LAKE
RONALD LAKE
RICHARDSON RIVER
CLEAR HILLS NORTH
BOTHA RIVER
HOTCHKISS RIVER
BISON LAKE
TALBOT LAKE
PANNY RIVER
LIEGE RIVER
GARDINER LAKES
FORT MacKAY
FIREBAG RIVER
CLEAR HILLS
CLEAR HILLS EAST
NORMANDVILLE NORTH
HEART RIVER NORTH
RED EARTH WEST
RED EARTH
RED EARTH EAST
MacKAY RIVER
HORSE RIVER
FORT McMURRAY
GORDON LAKE
PEACE RIVER
POUCE COUPE
WHITELAW
NORMANDVILLE
HEART RIVER
UTIKUMA LAKE
UTIKUMA LAKE EAST
WABASCA
PELICAN
HOUSE RIVER
SURMONT LAKE
WINEFRED RIVER
SADDLE HILLS
STURGEON LAKE WEST
STURGEON LAKE
STURGEON LAKE EAST
SWAN HILLS NORTH
MITSUE LAKE
CALLING LAKE
CALLING LAKE EAST
LAC LA BICHE NORTH
WIAU LAKE
WINEFRED LAKE
BURNT RIVER SOUTH
SIMONETTE WEST
SIMONETTE
KAYBOB
VIRGINIA HILLS
SWAN HILLS
SWAN HILLS EAST
ATHABASCA
FIGURE LAKE
LAC LA BICHE
BONNYVILLE
COLD LAKE
GRANDE CACHE WEST
GRANDE CACHE
BERLAND RIVER WEST
BERLAND RIVER
WINDFALL
PADDLE RIVER
ALEXANDER
REDWATER
WILLINGDON
ST. PAUL
SADDLE LAKE
FROG LAKE
JACKPINE RIVER
TOPAZ LAKE
JASPER
HINTON
EDSON
LOVETT RIVER
PEMBINA WEST
PEMBINA
PEMBINA EAST
EDMONTON
BONNIE GLEN
BEAVERHILL LAKE
CAMROSE
VIKING-KINSELLA
LLOYDMINSTER
WETASKIWIN
JASPER NATIONAL PARK
MALIGNE LAKE
BRAZEAU RIVER
STOLBERG
ROCKY MOUNTAIN HOUSE
GILBY
JOFFRE
STETTLER
BELLSHILL LAKE
PROVOST WEST
PROVOST
RED DEER
PINTO LAKE
RAM RIVER
BURNT TIMBER
HARMATTAN ELKTON
WIMBORNE
DRUMHELLER
HANNA
YOUNGSTOWN
SEDALIA
BANFF NATIONAL PARK
BANFF
WILDCAT HILLS
JUMPING POUND
CALGARY
CROSSFIELD
HUSSAR
CESSFORD
BINDLOSS
KANANASKIS LAKES
LONGVIEW
OKOTOKS
COUNTESS WEST
COUNTESS
PRINCESS
MEDICINE HAT NORTH
BLAIRMORE
COLEMAN
CLARESHOLM
BARONS
TABER
LETHBRIDGE
BOW ISLAND
MEDICINE HAT SOUTH
PINCHER CREEK
SPRING COULEE
CONRAD
PENDANT D'OREILLE
PAKOWKI LAKE

Energy and Natural Resources

OIL AND GAS AREA MAPS

LOCATION : Diazo copies are available from:

Manager, Mapping/Drafting
Minerals Support Branch
Mineral Resources Division
Alberta Energy and Natural Resources
12th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7705

OIL SANDS AREA MAPS

DETAILS : This collection of six 1:190 000 oil sands area maps depict the current leases and dispositions. A single 1:724 000 map sheet is also available.

For related information refer to "Energy Resources Conservation Board (ERCB) Maps" on page 117, "Oil and Gas Area Map Series" on page 168, "Syncrude Professional Papers" on page 293, "Alberta Township System Records" on page 305, "Energy Resources Conservation Board (ERCB) Computer Files" on page 317, and "Natural Resources and Land-Related Data Bases" on page 330.

FILE SIZE : 7 map sheets

PROJECT DURATION : 1978

FREQUENCY OF UPDATE : Regularly

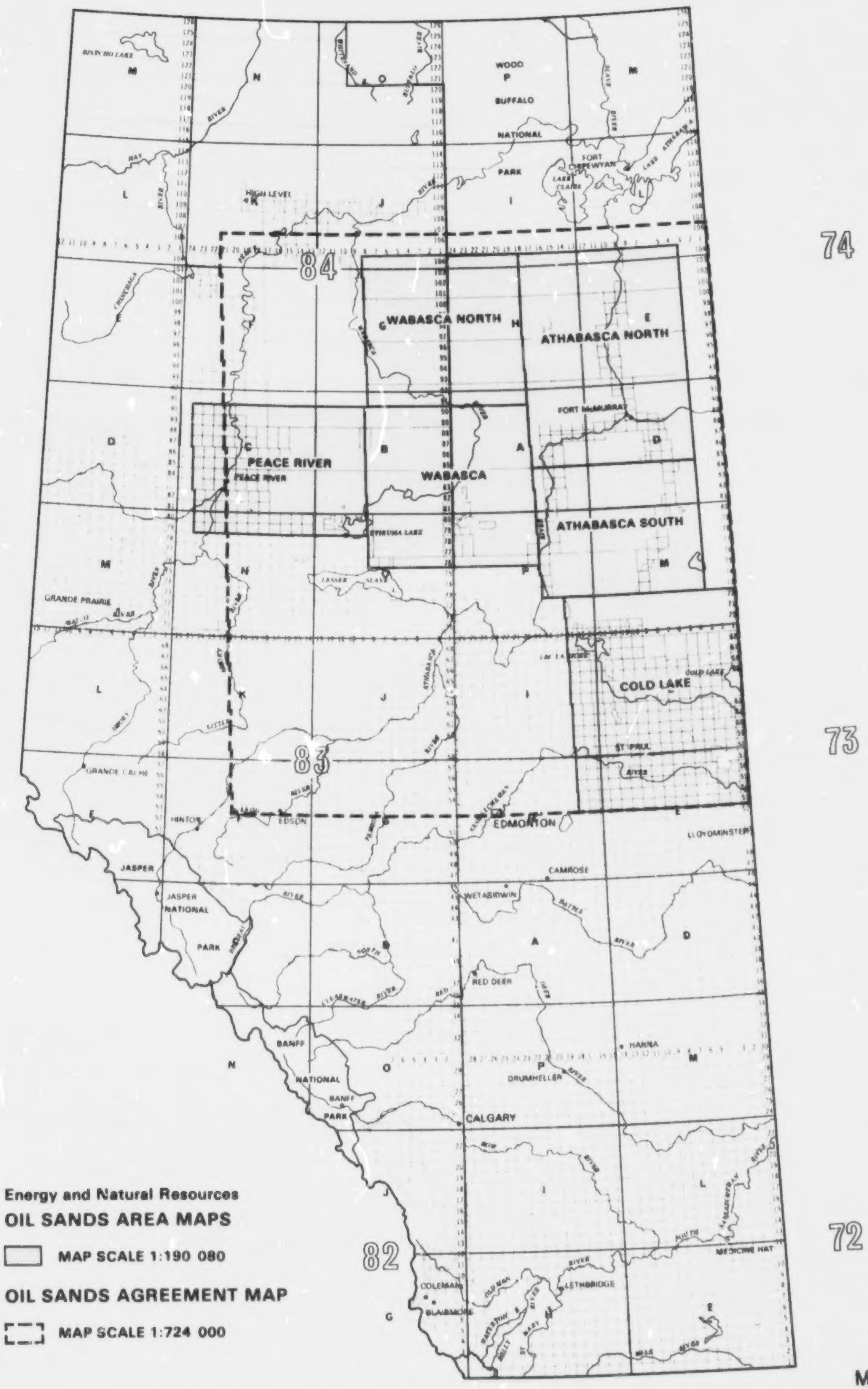
SOURCE : Alberta Energy and Natural Resources, Minerals Support Branch.

LOCATION : Diazo copies are available from:

Manager, Mapping/Drafting
Minerals Support Branch
Mineral Resources Division
Alberta Energy and Natural Resources
12th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7705

For additional information, consult:

Alberta Research Council
Oil Sands Information Centre
6th Fl., Highfield Place
10010-106th Street
Edmonton, Alberta
T5J 3L8 (403) 427-8382

Energy and Natural Resources
OIL SANDS AREA MAPS
MAP SCALE 1:190 080
OIL SANDS AGREEMENT MAP
MAP SCALE 1:724 000
84
83
82
74
73
72
WABASCA NORTH
ATHABASCA NORTH
PEACE RIVER
WABASCA
ATHABASCA SOUTH
COLD LAKE
WOOD BUFFALO NATIONAL PARK
FORT CHIPEWYAN
HIGH LEVEL
FORT McMURRAY
GRANDE PRAIRIE
GRANDE CACHE
HINTON
EDSON
EDMONTON
LLOYDMINSTER
JASPER
JASPER NATIONAL PARK
CAMROSE
WETASKIWIN
RED DEER
HANNA
DRUMHELLER
BANFF
BANFF NATIONAL PARK
CALGARY
COLEMAN
BLAIRMORE
LETHBRIDGE
MEDICINE HAT
ST. PAUL
LESSER SLAVE LAKE
UTIKUMA LAKE
COLD LAKE

PRECIPITATION OVER ALBERTA

DETAILS : The report and accompanying map **Precipitation Over Alberta** provides a detailed analysis and summary of the annual May to September precipitation over Alberta. The data analysed in this publication have been collected from more than 325 reporting stations throughout the province.

For related information refer to "Hail Rate Map" on page 133, "Meteorological Analysis Reports" on page 257, "Alberta Environment Real Time Hydrometeorological Network Computer File" on page 300, "Alberta Hail Project Records Computer File" on page 302, "Climate Inventory and Appraisal Records Computer File" on page 309, "Climatological Records Computer File" on page 311 "Forest Station Weather Records Computer File" on page 322"Sacramento Precipitation Storage Gauge Network Computer File" on page 357, "Snow Course Data Computer File" on page 362, and "Weather Radar Data Computer File" on page 374.

FILE SIZE : 1 map

PROJECT DURATION : 1972-

SOURCE : Alberta Energy and Natural Resources, Alberta Forest Service.

LOCATION : Copies of this publication and further information may be obtained from:

Weather Section
Forest Protection Branch
Alberta Forest Service
Alberta Energy and Natural Resources
Alberta Forest Service Depot
10625-120th Avenue
Edmonton, Alberta
T5E 5S9 (403) 427-6810

PRESENT LAND USE MAP

DETAILS : Present (1966) land-use is indicated on this series of Canada Land Inventory (CLI) maps for Alberta.

For related information refer to "Coal Disposition Map Series" on page 111, "Land Ownership Map Series" on page 158, "Land Registry Maps" on page 159, "Land Use and Zoning Maps" on page 160, "Metallic Minerals Disposition Maps" on page 162, "Conservation of Historical and Archaeological Resources in Alberta" on page 230, "Alberta Township System Records" on page 305, "Natural Resources and Land-Related Data Bases" on page 330, "Restricted Areas Manual File (Geophysical Exploration)" on page 351, and "Restricted Development Areas Manual File" on page 352.

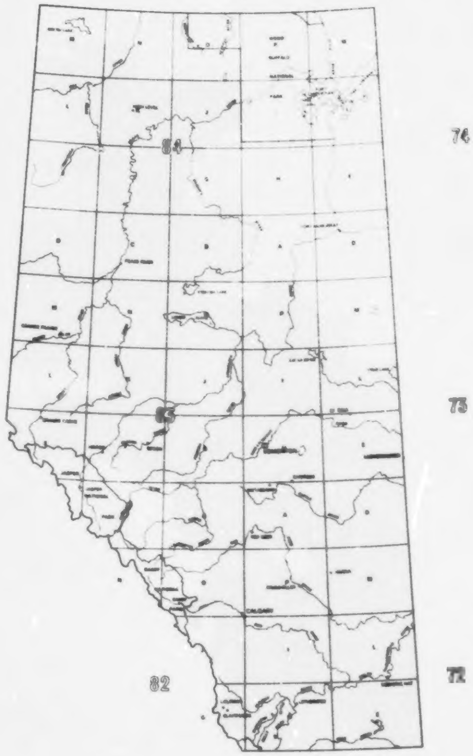
FILE SIZE : 474 maps

PROJECT DURATION : 1961-1966

SOURCE : Environment Canada, Lands Directorate and Alberta Energy and Natural Resources.

LOCATION : Diazo copies are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520



Canada Land Inventory
PRESENT LAND USE
COMPILATION DATE - 1966

1:50 000, 1:63 360 *Diazo Copies* ▭

PROVINCIAL PARKS : TOPOGRAPHIC MAPS, AERIAL PHOTOGRAPHS AND MOSAICS

DETAILS : Topographical maps, aerial photographs and mosaics are available for most provincial parks and for some areas not classified as provincial parks. While the scale of these topographic maps varies (1:1 000 to 1:10 000), most have been prepared at 1:2 400; however, reduced maps are available for most areas. Contours, access, hydrography, boundaries, vegetation, cultural features (fire hydrants, waterlines, park offices, etc.) and benchmarks are indicated on these maps. The following are Provincial Parks have various maps, aerial photographs and mosaics.[28]

1. Aspen Beach (NTS 83A).
2. Beauvais Lake (NTS 82G).
3. Big Hill Springs (NTS 82O).
4. Big Knife (NTS 83A).
5. Bow Valley (NTS 82O).
6. Bragg Creek (NTS 82J).
7. Calling Lake (NTS 83P).
8. Carson-Pegasus - (NTS 83J).
9. Chain Lakes (NTS 82J).
10. Cold Lake (NTS 73L).
11. Crimson Lake (NTS 83B).
12. Cross Lake (NTS 83I).
13. Cypress Hills (NTS 72E).
14. Dillberry Lake (NTS 73D).
15. Dinosaur (NTS 72L).
16. Dry Island Buffalo Jump (NTS 82P).
17. Fish Creek (NTS 82J).
18. Garner Lake (NTS 73L).
19. Gooseberry Lake (NTS 73D).
20. Gregoire Lake (NTS 74D).
21. Hasse Lake (NTS 83G).
22. Hilliard's Bay (NTS 83N, 83O).
23. Jarvis Bay (NTS 83B).
24. Kananaskis (NTS 82J).
25. Kinbrook Lake (NTS 72L).
26. Lesser Slave Lake (NTS 83O)
27. Little Bow (NTS 82I).
28. Little Fish Lake (NTS 82P).
29. Long Lake (NTS 83I).
30. Ma-Me-O-Beach (NTS 83A).
31. Midland (NTS 82P).
32. Miquelon Lake (NTS 83H).
33. Moonshine Lake (NTS 83M).
34. Moose Lake (NTS 73L).
35. Notikewin (NTS 84F).
36. O'Brien (NTS 83M).
37. Park Lake (NTS 82H).
38. Pembina (NTS 83G).
39. Pigeon Lake (NTS 83G).
40. Police Outpost (NTS 82H).
41. Queen Elizabeth (NTS 84C).
42. Red Lodge (NTS 82O).
43. Rochon Sands (NTS 83A).
44. Saskatoon Island (NTS 83M).
45. Sir Winston Churchill (NTS 73L).
46. Strathcona Science (NTS 83H).
47. Sylvan Lake (NTS 83B).
48. Taber (NTS 82H).
49. Thunder Lake (NTS 82H).
50. Tillebrook-Trans Canada (NTS 72L).
51. Vermilion (NTS 73E).
52. Wabamun Lake (NTS 83G).
53. Whitney Lakes (NTS 73E).
54. William A. Switzer (NTS 83F).
55. Williamson (NTS 83N).
56. Willow Creek (NTS 82I).
57. Winagami (NTS 83N).
58. Woolford (NTS 82H).
59. Writing-On-Stone (NTS 72E).
60. Wyndham-Carseland (NTS 82I).
61. Young's Point (NTS 83N).

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[28] Refer to the **Cartographic Summary, 1983**, prepared by the Mapping and Surveys Unit, Parks Design and Implementation Division, Alberta Recreation and Parks. Contact Andy Vertypora at (403) 427-6798 for a copy of the document or for further information.

For a listing of maps, aerial photgraphs and mosaics available for areas outside of the Provincial Parks, consult the **Cartographic Summary, 1983**, produced by the Mapping and Surveys Unit.

For related information refer to "Alberta 1:190 080 Provincial Forest Reserve (Topographical) Maps" on page 82, "Alberta 1:250 000 Provincial Access Series" on page 85, "Ecological (Biophysical) Land Classification of Banff and Jasper National Parks" on page 113, "Hydrogeological Reconnaissance Map Series" on page 137, "Soil Surveys of National and Provincial Parks and Areas Assessed for Parks Planning" on page 183, and "Provincial Parks Inventory Manual File" on page 349.

FILE SIZE : 61 of the 74 parks (data for the others exist, but was not supplied).

PROJECT DURATION : 1961-

FREQUENCY OF UPDATE : As required

SOURCE : Alberta Recreation and Parks, Design and Implementation Division, Mapping and Surveys Unit.

LOCATION : Diazo copies may be obtained from:

Technical Services Branch
Design and Information Division
Alberta Recreation and Parks
6th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-6798

For additional provincial park information, consult **Park Plans and Legal Descriptions** (Alberta Recreation and Parks, 1981), available for viewing at either the above address or under the title **Sketches and Descriptions of Parks** at:

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

RANGE ALLOTMENT MAPS

DETAILS : This series of maps indicate the current range allotments within the Rocky Mountains Forest Reserve. Range allotment maps have been prepared, indicating range types, dominant forages and range inventory information.

For related information refer to "Forage Inventory Program" on page 127, "Forest Inventory Mapping" on page 129, "Special Ecological Studies" on page 193, "Phase III Forest Inventory Information Reports" on page 279, "AFORISM - Alberta Forest Inventory Storage and Maintenance" on page 301, and "Forest Reserve Grazing Records Manual File" on page 321.

FILE SIZE : 91 maps

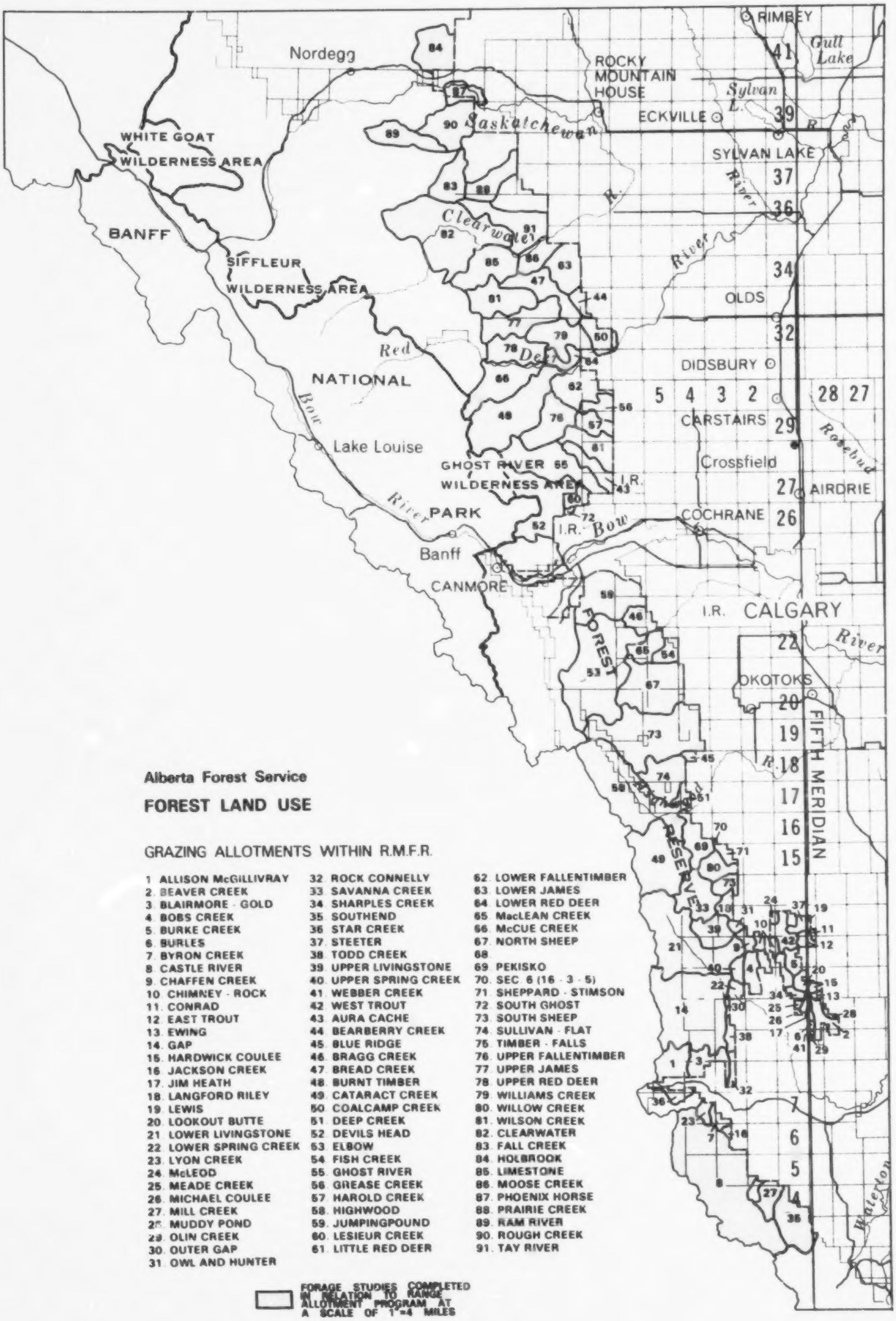
PROJECT DURATION : 1948-

FREQUENCY OF UPDATE : Periodically

SOURCE : Alberta Energy and Natural Resources, Alberta Forest Service, Range Management.

LOCATION : Range allotments maps are available from:

Range Management Section
Forest Land Use Branch
Alberta Forest Service
Alberta Energy and Natural Resources
6th Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-3582


RIMBEY
Gull Lake
Nordegg
ROCKY MOUNTAIN HOUSE
Sylvan L.
ECKVILLE
SYLVAN LAKE
WHITE GOAT WILDERNESS AREA
Saskatchewan R.
Clearwater
Red Deer River
BANFF
SIFFLEUR WILDERNESS AREA
OLDS
DIDSBURY
NATIONAL
CARSTAIRS
Bow River
Rosebud
Lake Louise
Crossfield
GHOST RIVER WILDERNESS AREA
AIRDRIE
PARK
COCHRANE
I.R.
Banff
CANMORE
CALGARY
FOREST RESERVE
OKOTOKS
Highwood R.
FIFTH MERIDIAN
Waterton

Alberta Forest Service

FOREST LAND USE

GRAZING ALLOTMENTS WITHIN R.M.F.R.

1 ALLISON McGILLIVRAY
2. BEAVER CREEK
3. BLAIRMORE - GOLD
4. BOBS CREEK
5. BURKE CREEK
6. BURLES
7. BYRON CREEK
8. CASTLE RIVER
9. CHAFFEN CREEK
10. CHIMNEY - ROCK
11. CONRAD
12. EAST TROUT
13. EWING
14. GAP
15. HARDWICK COULEE
16. JACKSON CREEK
17. JIM HEATH
18. LANGFORD RILEY
19. LEWIS
20. LOOKOUT BUTTE
21. LOWER LIVINGSTONE
22. LOWER SPRING CREEK
23. LYON CREEK
24. McLEOD
25. MEADE CREEK
26. MICHAEL COULEE
27. MILL CREEK
28. MUDDY POND
29. OLIN CREEK
30. OUTER GAP
31. OWL AND HUNTER
32. ROCK CONNELLY
33. SAVANNA CREEK
34. SHARPLES CREEK
35. SOUTHEND
36. STAR CREEK
37. STEETER
38. TODD CREEK
39. UPPER LIVINGSTONE
40. UPPER SPRING CREEK
41. WEBBER CREEK
42. WEST TROUT
43. AURA CACHE
44. BEARBERRY CREEK
45. BLUE RIDGE
46. BRAGG CREEK
47. BREAD CREEK
48. BURNT TIMBER
49. CATARACT CREEK
50. COALCAMP CREEK
51. DEEP CREEK
52. DEVILS HEAD
53. ELBOW
54. FISH CREEK
55. GHOST RIVER
56. GREASE CREEK
57. HAROLD CREEK
58. HIGHWOOD
59. JUMPINGPOUND
60. LESIEUR CREEK
61. LITTLE RED DEER
62. LOWER FALLENTIMBER
63. LOWER JAMES
64. LOWER RED DEER
65. MacLEAN CREEK
66. McCUE CREEK
67. NORTH SHEEP
68.
69. PEKISKO
70. SEC. 6 (16 - 3 - 5)
71. SHEPPARD - STIMSON
72. SOUTH GHOST
73. SOUTH SHEEP
74. SULLIVAN - FLAT
75. TIMBER - FALLS
76. UPPER FALLENTIMBER
77. UPPER JAMES
78. UPPER RED DEER
79. WILLIAMS CREEK
80. WILLOW CREEK
81. WILSON CREEK
82. CLEARWATER
83. FALL CREEK
84. HOLBROOK
85. LIMESTONE
86. MOOSE CREEK
87. PHOENIX HORSE
88. PRAIRIE CREEK
89. RAM RIVER
90. ROUGH CREEK
91. TAY RIVER

▭ FORAGE STUDIES COMPLETED IN RELATION TO RANGE ALLOTMENT PROGRAM AT A SCALE OF 1"=4 MILES

RECONNAISSANCE SOIL SURVEY MAP SERIES

DETAILS : A collection of soil survey maps indicating relatively detailed information for large areas.

For related information refer to "Exploratory Soil Survey Series" on page 122, "Land (Soil) Capability for Agriculture" on page 144, "Soil Surveys of National and Provincial Parks and Areas Assessed for Parks Planning" on page 183, "Soils Mapping - AOSERP" on page 188, "Soil Survey of Urban Areas and Areas Adjacent to Urban Centres" on page 189, "Solonetzic Soils of Alberta" on page 192, "Soil Irrigability Reports" on page 290, and "Soil Data Computer File (Cansis)" on page 363.

FILE SIZE : 47 studies

PROJECT DURATION : 1925-

SOURCE : Alberta Soil Survey, Alberta Research Council and Agriculture Canada.

LOCATION : Reconnaissance soil survey maps are available from:

Faculty of Extension
Corbett Hall
University of Alberta
82nd Avenue and 112th Street
Edmonton, Alberta
T6G 2G4 (403) 432-3029

or

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Number on Index Map	Description
1.	MacLeod sheet; F.A. Wyatt and J.D. Newton, 1925. Scale 1:190 080. Accompanies Alberta Soil Survey Report 1.[29]
2.	Medicine Hat sheet; F.A. Wyatt and J.D. Newton, 1925. Scale 1:190 080. Accompanies Alberta Soil Survey Report 2. (NTS 72E,L).[29]
3.	Sounding Creek sheet; F.A. Wyatt and J.D. Newton, 1927. Scale 1:190 080. Accompanies Alberta Soil Survey Report 3. (NTS 72M).[29]
4.	Peace River, High Prairie, Sturgeon Lake area; F.A. Wyatt, 1935. Scale 1:253 440. Accompanies Alberta Soil Survey Report 6. (NTS 83J,K,N,O; 84B,C).[29]
5.	Rainy Hills sheet; F.A. Wyatt et al., 1937. Scale 1:190 080. Accompanies Alberta Soil Survey Report 7. (NTS 72L).[29]
6.	Sullivan Lake sheet; F.A. Wyatt and J.D. Newton, 1938. Scale 1:190 080. Accompanies Alberta Soil Survey Report 8. (NTS 73D).[29]

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[29] Out of print. Copies on file with Alberta Soil Survey, Terrace Plaza, Edmonton, Alberta T6H 5R7.

7. Lethbridge and Pincher Creek sheets; F.A. Wyatt, 1939. Scale 1:190 080. Accompanies Alberta Soil Survey Report 9. (NTS 82H)[29]

8. Milk River sheet; F.A. Wyatt and J.D. Newton, 1941. Scale 1:190 080. Accompanies Alberta Soil Survey Report 10. (NTS 72E).[29]

9. Blackfoot and Calgary sheets; F.A. Wyatt and J.D. Newton, 1943. Scale 1:190 080. Accompanies Alberta Soil Survey Report 11. (NTS 82I,P).[29]

10. Rosebud and Banff sheets; F.A. Wyatt and J.D. Newton, 1943. Scale 1:190 080. Accompanies Alberta Soil Survey Report 12. (NTS 82O,P).[29]

11. Wainwright and Vermilion sheets; F.A. Wyatt and J.D. Newton, 1944. Scale 1:190 080. Accompanies Alberta Soil Survey Report 13. (NTS 73D,E).[29]

12. Peace Hills sheet; F.A. Wyatt and J.D. Newton, 1947. Scale 1:190 080. Accompanies Alberta Soil Survey Report 14. (NTS 83A,B).

13. Rycroft and Watino sheets; W. Odynsky and J.D. Newton, 1950. Scale 1:190 080. Accompanies Alberta Soil Survey Report 15. (NTS 83M,N).

14. Red Deer sheet; W.E. Bowser and T.W. Peters, 1951. Accompanies Alberta Soil Survey Report 16. (NTS 82P; 83A).

15. High Prairie and McLennan sheet; W. Odynsky et al., 1952. Scale 1:190 080. Accompanies Alberta Soil Survey Report 17. (NTS 83N).

16. Grande Prairie and Sturgeon Lake sheets; W. Odynsky et al., 1956. Scale 1:190 080. Accompanies Alberta Soil Survey Report 18. (NTS 83K,L,M,N).

17. Rocky Mountain House sheet; T.W. Peters and W.E. Bowser, 1960. Scale 1:126 720. Accompanies Alberta Soil Survey Report 19. (NTS 82O; 83B).

18. Beaverlodge and Blueberry Mountain sheets; W. Odynsky et al, 1961. Scale 1:190 080. Accompanies Alberta Soil Survey Report 20. (NTS 83L,M).

19. Edmonton sheet; W.E. Bowser et al., 1962. Scale 1:126 720. Accompanies Alberta Soil Survey Report 21. (NTS 83H).

20. St. Mary and Milk Rivers development; W.E. Bowser et al., 1963. Scale 1:63 360. Accompanies Alberta Soil Survey Report 22. (NTS 72E,L; 82H).

21. Hines Creek and Cherry Point area; S.W. Reeder and W. Odynsky, 1965. Scale 1:190 080. Accompanies Alberta Soil Survey Report 23. (NTS 84D).

22. Buck Lake and Wabamun Lake area; J.D. Lindsay and T.W. Peters, 1968. Scale 1:126 720. Accompanies Alberta Soil Survey Report 24. (NTS 83G).

23. Grimshaw and Notikewin area; M.D. Scheelar and W. Odynsky, 1968. Scale 1:190 080. Accompanies Alberta Soil Survey Report 25. (NTS 84C).

24. Hotchkiss and Keg River area; S.W. Reeder and W. Odynsky, 1969. Scale 1:190 080. Accompanies Alberta Soil Survey Report 26. (NTS 84F).

25. Whitecourt and Barrhead area; A. Wynnk and J.D. Lindsay, 1971. Scale 1:126 720. Accompanies Alberta Soil Survey Report 27. (NTS 83J).

26. Chip Lake area; A.G. Twardy and J.D. Lindsay, 1971. Scale 1:126 720. Accompanies Alberta Soil Survey Report 28. (NTS 83G).

27. Tawatinaw sheet; A.A. Kjearsgaard, 1972. Scale 1:126 720. Accompanies Alberta Soil Survey Report 29. (NTS 83I).

28. Land classification and soils in the Rocky Mountains of Alberta along the North Saskatchewan River valley; W.W. Pettapiece, 1971. Scale 1:79 200. Alberta Institute of Pedology Report S-71-31. (NTS 82C).

29. Mt. Watt and Fort Vermilion area; M.D. Scheelar and T.M. Macyk, 1973. Scale 1:190 080. Accompanies Alberta Soil Survey Report 30. (NTS 84K,J).

30. Hinton-Edson area; J. Dumanski et al., 1973. Scale 1:126 720. Accompanies Alberta Soil Survey Report 31. (NTS 83F).

31. Soils map of the Edmonton area reproduced at 1:50 000 from Edmonton Soil Survey sheet by W.E. Bowser et al., 1962. Scale 1:126 which accompanies Alberta Soil Survey Report 21. See item 19 above. In Urban Geology of Edmonton, ARC Bulletin 32, Figure 39. (NTS 83H).

32. Sand River sheet; S.S. Kocaoglu, 1975. Scale 1:126 720. Accompanies Alberta Soil Survey Report 34. (NTS 73L)

33. Medicine Hat sheet; 1976. Scale 1:126 720 (in abeyance). (NTS 72

34. Oyen sheet; A.A. Kjearsgaard, 1975. Scale 1:126 720. Accompanies Alberta Soil Survey Report 36. (NTS 72M).

35. Brazeau Dam area; T.W. Peters, scale 1:126 720. Accompanies Alberta Soil Survey Report 40. (NTS 82B,G).

36. Soil Survey and Interpretations of The Wapiti Map Area, Alberta; A.G. Twardy and I.G.W. Corns, 1980. Scale 1:126 720. Accompanies Alberta Research Council Bulletin 39. (NTS 83L).

37. Reconnaissance Soil Survey of the Iosegun Lake Area, Alberta; L.J. Knapik and J.D. Lindsay, 1983. Scale 1:126 720. Accompanies Alberta Research Council Bulletin 43. (NTS 83K).

38.
    a. Lethbridge, N.W. portion of sheet; S. Kocaoglu, 1977. Scale 1:126 720. (NTS 82H).
    b. Lethbridge, N.E. portion; S. Kocaoglu and W.W. Petapiece, 1980. Scale 1:126 000. (NTS 82H).

39. Soils inventory of the AOSERP study area. Turchenek, L.W. and J.D. Lindsay, 1982. Prepared for Research Management Division, Alberta Environment, by Alberta Research Council. AOSERP (Alberta Oil Sands Research Program) Report 122. Scale 1:126 720. (NTS 74D,E,L; 84A,H,I).[30]

40. Fort McMurray region, Soil Survey; P.H. Crown, A.G. Twardy, 1975. Scale 1:63 360. Alberta Institute of Pedology Report M70-2. (NTS 74D).

41. Two Hills County, No. 21; T. Macyk, (no date). Scale 1:30 000. Accompanies Alberta Soil Survey Report 35. (NTS 73E; 83H).

42. Gleichen, southern half of sheet; S.Kocaoglu, W.W. Pettapiece. Scale 1:126 720 (in preparation). (NTS 82I).

43. Newell County No.4, Soil Survey; A.A. Kjearsgaard, 1983. Scale 1:63 360. Accompanies Alberta Soil Survey Report 41. (NTS 72I; 82I,P

44. County of Warner No.5; A.A. Kjearsgaard. Scale 1:50 000 (in preparation). (NTS 72E; 82H).

45. Calgary Region; R.A. MacMillan. Scale 1:50 000 (four sheets in preparation). (NTS 82I,J,O,P).

46. County of Beaver No.9; R.W. Howitt. Scale 1:50 000 (in preparation). (NTS 73D,E; 83H).

Note: In most cases a soil rating map accompanies each report.

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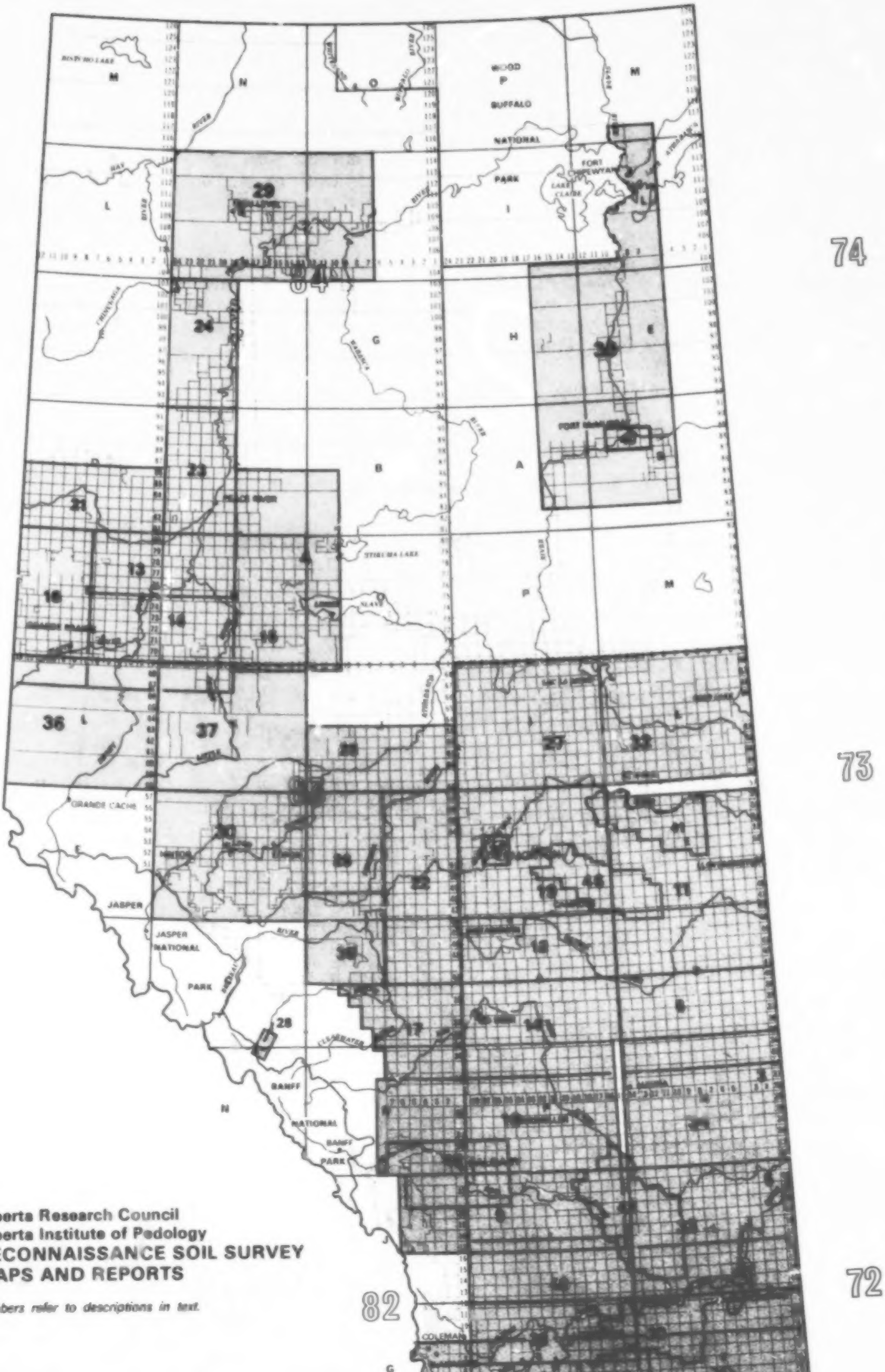
[30] Available from Research Management Division, Alberta Environment. Contact Publications Officer, 14th Floor, Standard Life Centre, 10405-Jasper Avenue, Edmonton, Alberta T5J 3N4 (403) 427-3946.


74
73
72
82
84
83
WOOD
BUFFALO
NATIONAL
PARK
FORT CHIPEWYAN
PEACE RIVER
GRANDE CACHE
HINTON
JASPER
JASPER NATIONAL PARK
BANFF
NATIONAL
BANFF
PARK
COLEMAN
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Alberta Research Council
Alberta Institute of Pedology
RECONNAISSANCE SOIL SURVEY
MAPS AND REPORTS

Numbers refer to descriptions in text.

RESOURCE IMPACT ASSESSMENT OVERLAY PROGRAM

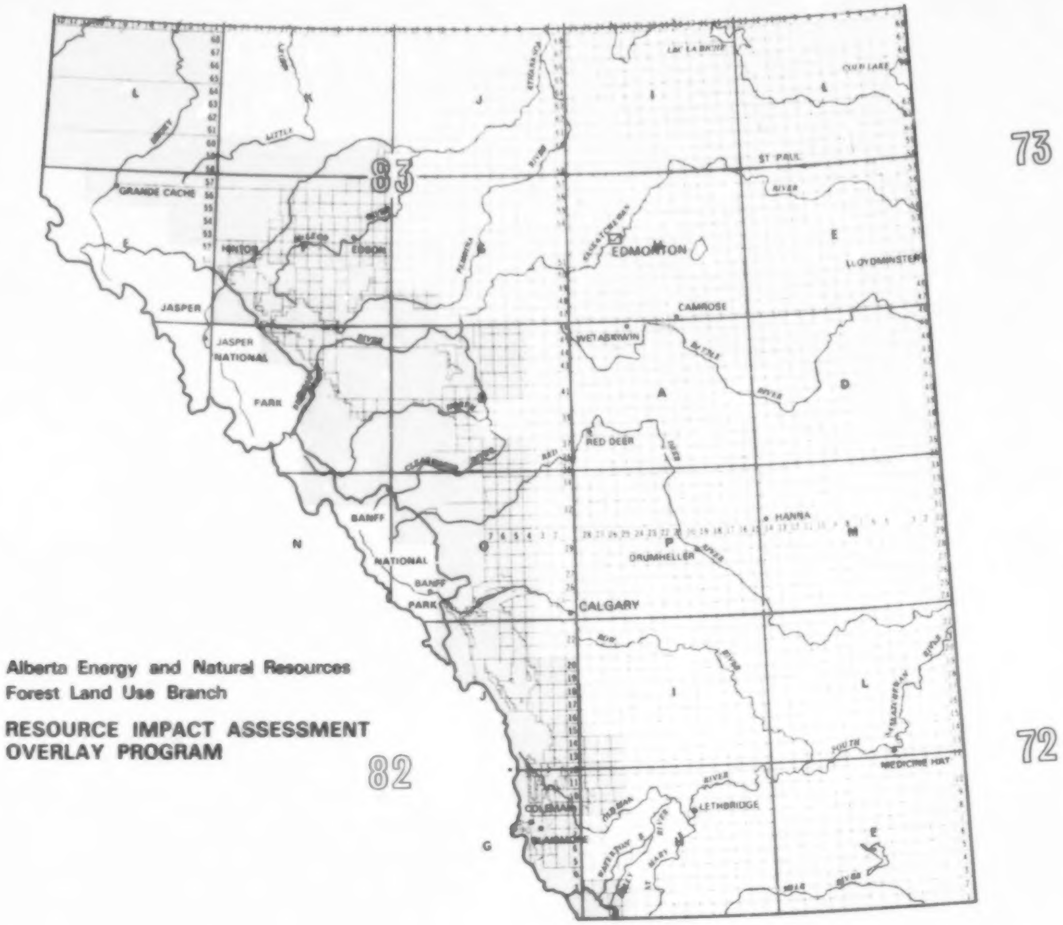
DETAILS : The **Resource Impact Assessment** study is comprised of a 1:50 000 velox planimetric base with a series of thirteen transparent film overlays representing various physiographic, social and cultural information features. The number of overlays may vary slightly for each 1:50 000 map sheet according to the information available. The environmental value of each resource is expressed by tonal differentiation on the overlay. Lighter tones on the composite represent areas of lesser impact while darker tones represent high-value areas where impact will be most probable.

For related information refer to "Foothills Resource Allocation Studies" on page 125, "Land Classification Studies - Ecological" on page 152, "Land Classification Studies - Physical" on page 155, "Special Geomorphic Landform Maps" on page 194, "Environmental Impact Assessment and Information Documents" on page 233, "Environmental Research and Development Reports" on page 235, and "Land Conservation and Reclamation" on page 251.

FILE SIZE : 92 1:50 000 maps with various overlays

PROJECT DURATION : 1976-1979

FREQUENCY OF UPDATE : N/A



73
83
72
82
LAC LA BICHE
COLD LAKE
ST PAUL
GRANDE CACHE
HINTON
EDSON
JASPER
JASPER NATIONAL PARK
EDMONTON
LLOYDMINSTER
CAMROSE
WETASKIWIN
RED DEER
HANNA
DRUMHELLER
BANFF NATIONAL PARK
CALGARY
LETHBRIDGE
MEDICINE HAT
COLEMAN
BLAIRMORE
Alberta Energy and Natural Resources
Forest Land Use Branch
RESOURCE IMPACT ASSESSMENT OVERLAY PROGRAM

SOURCE : Alberta Energy and Natural Resources, Alberta Forest Service.

LOCATION : Overlays are available for viewing through the Special Projects Coordinator at:[31]

Forest Land Use Branch
Alberta Forest Service
Alberta Energy and Natural Resources
6th Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-3582

SOIL SURVEYS OF NATIONAL AND PROVINCIAL PARKS AND AREAS ASSESSED FOR PARKS PLANNING

DETAILS : A series of soil survey maps and reports that have been prepared for national and provincial parks and areas assessed for parks planning in Alberta.

For related information refer to "Ecological (Biophysical) Land Classification of Banff and Jasper National Parks" on page 113, "Exploratory Soil Survey Series" on page 122, "Land Classification Studies - Physical" on page 155, "Land (Soil) Capability for Agriculture" on page 144, "Reconnaissance Soil Survey Map Series" on page 178, "Soils Mapping - AOSERP" on page 188, "Soil Survey of Urban Areas and Areas Adjacent to Urban Centres" on page 189, "Solonetzic Soils of Alberta" on page 192, "Soil Irrigability Reports" on page 290, and "Soil Data Computer File (Cansis)" on page 363.

FILE SIZE : 55 studies with various maps

PROJECT DURATION : 1975-1984

SOURCE : Alberta Research Council, Soils Department and Alberta Institute of Pedology.[32]

LOCATION : Soil survey maps and reports are available from:

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Number on **Description**

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[31] Black or blueline copies of the mylars will be prepared for the sheets selected.

[32] The Alberta Institute of Pedology is comprised of representatives from Agriculture Canada, the University of Alberta and the Alberta Research Council. To obtain information regarding background material which will assist in an understanding of soil survey reports written for Alberta provincial parks and recreation areas, consult: **Guidebook for Use with Soil Survey Reports of Alberta Provincial Parks and Recreation Areas**, 1981. Earth Sciences Report 81-1, by the Soils Department, Alberta Research Council. Copies are available from: Publications Sales, Alberta Research Council.

Index Map

1. Waterton Lakes National Park; G.M. Coen, W.D. Holland, 1976. Scale 1:15 560. Alberta Institute of Pedology Report S-73-33. (NTS 82G,H).

2. Elk Island National Park Soil Survey; P.H. Crown, 1977. Scale 1:25 000. Alberta Institute of Pedology Report S-77-38 (NTS 83H).

3. Soil Survey of Little Bow Provincial Park and interpretation for recreational use; G.M. Greenlee, 1973. Open File Report 1973-2. (NTS 82I).

4. Soil survey of Entrance Provincial Park and interpretation for recreational use; G.M. Greenlee, 1973. Open File Report 1973-8. (2 maps) (NTS 83F).[33]

5. Soil survey of Lesser Slave Lake Provincial Park and interpretation for recreational use; G.M. Greenlee, 1973. Open File Report 1973-12. (5 maps) (NTS 83O).

6. Soil Survey of Young's Point Provincial Park and interpretation for recreational use; G.M. Greenlee, 1973. Open File Report 1973-15. (1 map) (NTS 83N).

7. Soil survey of Bow Valley Provincial Park and adjacent Kananaskis area and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-2. (2 maps) (NTS 82O).

8. Soil survey of Bragg Creek Provincial Park and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-6. (1 map) (NTS 82J).

9. Soil Survey of Beauvais Lake Provincial Park and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-11. (1 map) (NTS 82G).

10. Soil survey of Police Outpost Provincial Park and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-12. (1 map) (NTS 82H).

11. Soil survey of Gregoire Lake Provincial Park and interpretation for use; G.M. Greenlee, 1974. Open File Report 1974-13. (1 map) (NTS 74D).

12. Soil Survey of Woolford Provincial Park and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-14. (1 map) (NTS 82H).

13. Soil survey of Crimson Lake Provincial Park and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-15. (1 map) (NTS 83B).

14. Soil survey of Pigeon Lake Provincial Park and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-17. (1 map) (NTS 83H).

15. Soil survey of Cross Lake Provincial Park and interpretation for recreational use; G.M. Greenlee, 1975. Open File Report 1975-1. (1 map) (NTS 83I).

16. Soil survey of Winagami Lake Provincial Park and interpretation for recreational use; G.M. Greenlee, 1975. Open File Report 1975-2. (1 map) (NTS 83N).

17. Soil survey of Long Lake Provincial Park and interpretation for recreational use; G.M. Greenlee, 1975. Open File Report 1975-5. (1 map) (NTS 83I).

18. Soil survey of Moonshine Lake Provincial Park and interpretation for recreational use; R.A. MacMillan and G.M. Greenlee, 1977. Open File Report 1977-1. (2 maps) (NTS 83M).

19. Soil survey of Dry Island Buffalo Jump Provincial Park and interpretation for recreational use; G.M. Greenlee and R.A. MacMillan, 1977. Open File Report 1977-17. (2 maps) (NTS 82P).

20. Soil survey of Moose Lake Provincial Park and interpretation for recreational use; G.M. Greenlee and R.A. MacMillan, 1977. Open File Report 1977-16. (2 maps) (NTS 73L).

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[33] Now William A. Switzer Provincial Park.

21. Soil survey of Cypress Hills Provincial Park and interpretation for recreational use; G.M. Greenlee, 1982. Earth Sciences Report 80-4. (NTS 72E).

22. Writing-On-Stone; G.M. Greenlee (in preparation).

23. Soil Survey of Wabamun Lake Provincial Park study area and interpretation for recreational use; G.M. Greenlee, 1983. Earth Sciences Report 84-1. (NTS 83G).

24. Thunder Lake; G.M. Greenlee (in preparation).

25. Blue Lake; G.M. Greenlee (in preparation).

26. Soil survey of an area adjacent to Calling Lake, Alberta, and interpretation for recreational use; G.M. Greenlee, 1973. Open File Report 1973-16. Refer also to Open File Report 1979-1. (1 map) (NTS 83P).

27. Soil survey of Fish Creek Valley adjacent to Calgary, Alberta, and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-1. (1 map) (NTS 82I).

28. Soil survey of Wildcat Hills area and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-3. Refer also to Open File Report 1974-4. (1 map) (NTS 82O).

29. Addendum to soil survey of Wildcat Hills area and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-4. Refer also to Open File Report 1974-3. (2 maps) (NTS 82O).

30. Soil survey of areas adjacent to McGregor Lake, Travers Reservoir and Little Bow Lake, and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-5 (5 maps) (NTS 72J).

31. Soil survey of area adjacent to Lac Ste. Anne, and interpretation for recreational use; G.M. Greenlee, 1974. Open File Report 1974-7 (1 map) (NTS 83G).

32. Soil survey of Kananaskis Lakes area and interpretation for recreational use; G.M. Greenlee, 1976. Open File Report 1976-1 (6 maps) (NTS 82J).

33. Soil survey of area adjacent to Pinehurst Lake, Alberta, and interpretation for recreational use; G.M. Greenlee, 1977. Open File Report 1977-12 (1 map) (NTS 73L).

34. Carseland; soil survey and interpretation for recreational use; G.M. Greenlee (in preparation) (NTS 82I).

35. Soil survey of Hilliard's Bay area on the northwest shore Lesser Slave Lake, and interpretation for recreational use; G.M. Greenlee and R.A. MacMillan, 1977. Open File Report 1977-11 (4 maps) (NTS 83O).

36. Chain Lakes, soil survey and interpretation for recreational use; G.M. Greenlee (in preparation) (NTS 82J).

37. Lake Newell area, soil survey and interpretation for recreational use; G.M. Greenlee (in preparation) (NTS 72L).

38. Gooseberry Lake; G.M. Greenlee (in preparation) (NTS 73D).

39. Big Knife; G.M. Greenlee (in preparation) (NTS 83A).

40. Rochon Sands; G.M. Greenlee (in preparation) (NTS 83A).

41. Vermilion; G.M. Greenlee (in preparation) (NTS 73E).

42. Pembina River; G.M. Greenlee (in preparation) (NTS 83C).

43. Garner Lake; G.M. Greenlee (in preparation) (NTS 73L).

44. Soil survey of Lund's Point area on the southern shore of Cold Lake, Alberta, and interpretation for recreational use; G.M. Greenlee, 1976. Open File Report 1976-3 (2 maps) (NTS 73L).

45. Soil survey and interpretation for recreational use of an area at the junction of the Notikewin and Peace Rivers; G.M. Greenlee, 1979. Earth Sciences Report 78-4 (2 maps) (NTS 84F).

46. Jarvis Bay; G.M. Greenlee and R.A. MacMillan (in preparation) (NTS 83B).

47. Soil survey and interpretation for recreational use of Kananaskis Lakes, Designated Areas; G.M. Greenlee, 1981. Earth Sciences Report 80-5 (2 maps) (NTS 82J).

48. Lesser Slave Lake, Addendum; G.M. Greenlee, 1983. Open File Report 1983-8 (NTS 83O).

49. Dillberry Lake; G.M. Greenlee, 1983. Open File Report 1983-5 (NTS 73E).

50. Buck Lake; G.M. Greenlee (in preparation) (NTS 83B).

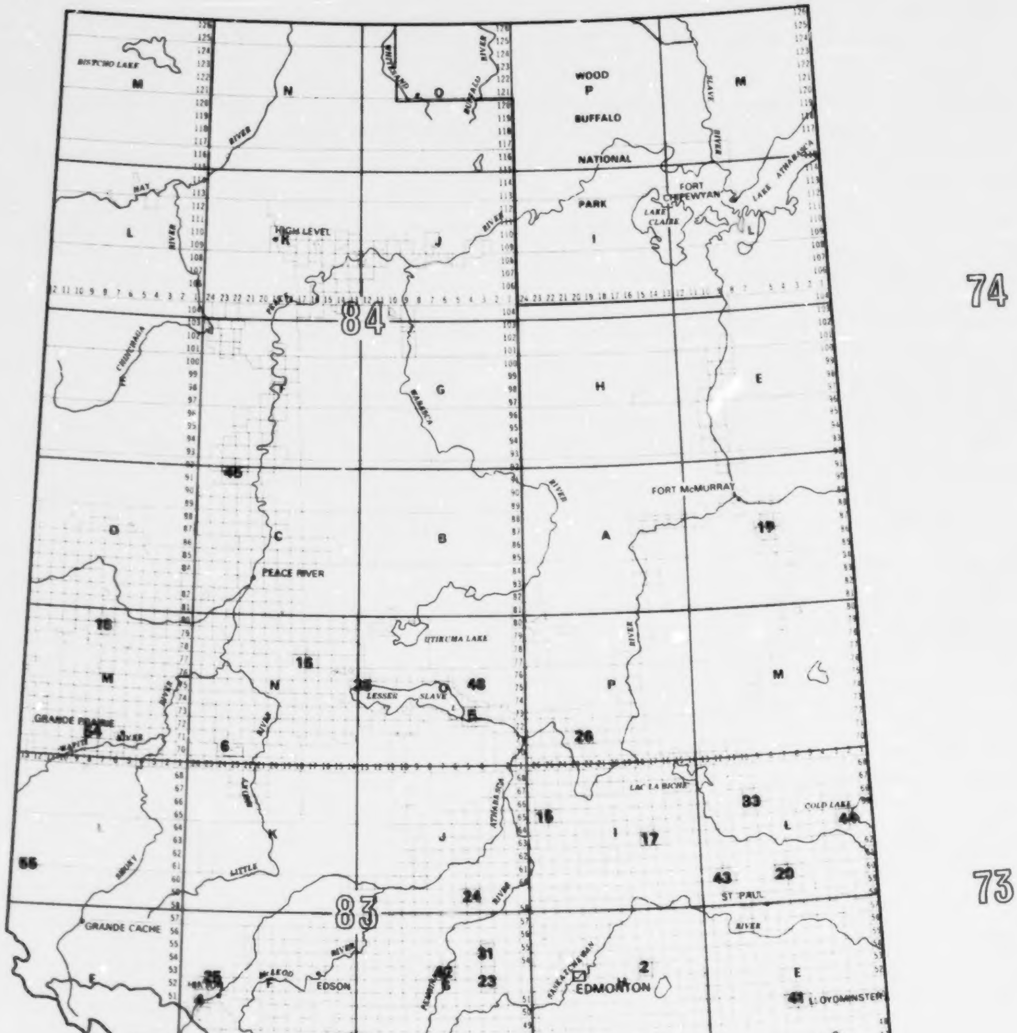
51. Midland Mines (Drumheller); G.M. Greenlee (in preparation) (NTS 82P).

52. Lake Louise, Banff National Park, Land Classification; B.C. Walker et al., 1978. Alberta Institute of Pedology Report M-76-9 (NTS 82N).

53. Willow Creek Park; G.M. Greenlee, 1983. Open File Report 1983-7 (NTS 82I).

54. Saskatoon Island Park; G.M. Greenlee (in preparation) (NTS 83M).

55. Kakwa Falls Region, Designated Areas; G.M. Greenlee (in preparation) (NTS 83L).


74
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BISTCHO LAKE
HIGH LEVEL
WOOD BUFFALO NATIONAL PARK
FORT CHIPEWYAN
LAKE CLAIRE
LAKE ATHABASCA
FORT McMURRAY
PEACE RIVER
UTIKUMA LAKE
LESSER SLAVE L
GRANDE PRAIRIE
GRANDE CACHE
EDSON
EDMONTON
LLOYDMINSTER
LAC LA BICHE
COLD LAKE
ST PAUL
CAMROSE
WETASKIWIN
JASPER
JASPER NATIONAL PARK
RED DEER
HANNA
DRUMHELLER
BANFF
BANFF NATIONAL PARK
CALGARY
LETHBRIDGE
MEDICINE HAT
COLEMAN
BLAIRMORE

Alberta Research Council
Alberta Institute Of Pedology

NATIONAL AND PROVINCIAL PARKS AND AREAS ASSESSED FOR PARKS PLANNING

Numbers refer to descriptions in text

SOILS MAPPING - AOSERP

DETAILS : A collection of soil maps for the Alberta Oil Sands Environmental Research Program (AOSERP) study area indicating information useful to forest resource managers and land reclamation specialists. Data provided indicate the types, characteristics, location and areal distribution of soils within the area.

These maps are components of two comprehensive reports titled: **Ecological Habitat Mapping of the AOSERP Study Area Phase 1,**[34] Report No. 31, Project VE 2.3, 1978 and **Soils Inventory of the AOSERP Study Area,** Report No.122, Project LS 2.1, 1982.

For related information refer to "Exploratory Soil Survey Series" on page 122, "Land (Soil) Capability for Agriculture" on page 144, "Reconnaissance Soil Survey Map Series" on page 178, "Soil Surveys of National and Provincial Parks and Areas Assessed for Parks Planning" on page 183, "Soil Survey of Urban Areas and Areas Adjacent to Urban Centres" on page 189, "Solonetzic Soils of Alberta" on page 192, "Surficial Geology Mapping - AOSERP Area" on page 206, "Vegetation Mapping - AOSERP" on page 208, "Soil Irrigability Reports" on page 290, and "Soil Data Computer File (Cansis)" on page 363.

FILE SIZE : 61 maps

PROJECT DURATION : 1975-1982

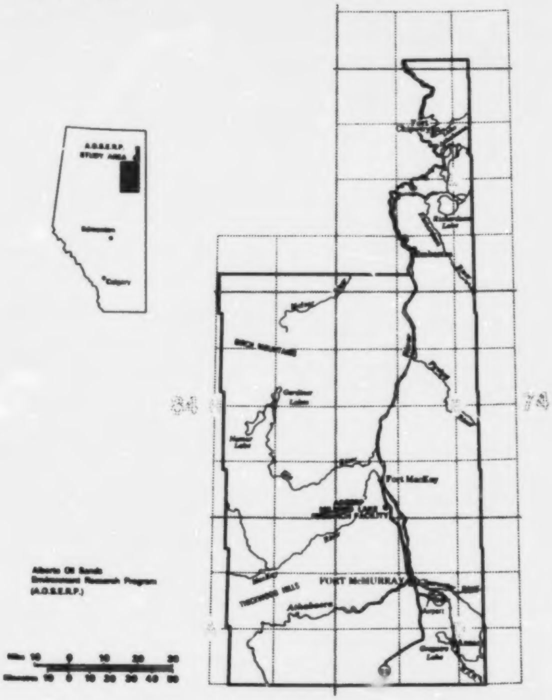
SOURCE : Alberta Oil Sands Environmental Research Program, Research Management Division, Alberta Environment.

LOCATION : Diazo copies of Report No.31 maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

Further information and copies of Report No. 122 may be obtained from:

Publications Officer
Research Management Division
Alberta Environment
14th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-3946


A.O.S.E.R.P. STUDY AREA
Edmonton
Calgary
Alberta Oil Sands Environmental Research Program (A.O.S.E.R.P.)
Fort Chipewyan
Gardiner Lake
Fort MacKay
FORT McMURRAY
THICKWOOD HILLS
Athabasca
Airport
Gregoire Lake
84
74
Miles 10 0 10 20 30
Kilometres 10 0 10 20 30 40 50

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[34] Report is out of print and available only from select libraries. Contact Publications Officer, Research Management Division, for further information.

SOIL SURVEY OF URBAN AREAS AND AREAS ADJACENT TO URBAN CENTRES

DETAILS : A collection of maps providing detailed soil survey information for selected areas in Alberta.

For related information refer to "Exploratory Soil Survey Series" on page 122, "Reconnaissance Soil Survey Map Series" on page 178, "Soil Surveys of National and Provincial Parks and Areas Assessed for Parks Planning" on page 183, "Soils Mapping - AOSERP" on page 188, "Solonetzic Soils of Alberta" on page 192, "Soil Irrigability Reports" on page 290, and "Soil Data Computer File (Cansis)" on page 363.

FILE SIZE : 25 studies with various maps

PROJECT DURATION : 1972-

SOURCE : Alberta Research Council, Soils Department and Alberta Institite of Pedology.

LOCATION : Soil maps and reports are available from:

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Number on Index Map	Description

1. Soil survey for urban development Edmonton, Alberta; J.D. Lindsay and M.D. Scheelar, 1972. Earth Sciences Report 72-7 (NTS 83H).[36]

2. Soil interpretations for selected components of community development adjacent to Stony Plain, Alberta; M.D. Scheelar, 1973. Open File Report 1973-3 (1 map) (NTS 83H).

3. Soil interpretations for selected components of community development within the town of Ponoka, Alberta; M.D. Scheelar, 1973. Open File Report 1973-4 (1 map) (NTS 83A).

4. Soil interpretations for selected components of community development within the new town of Rainbow Lake, Alberta; T. Macyk and M.D. Scheelar, 1973. Open File Report 1973-5 (1 map) (NTS 84L).

5. Soil interpretations for selected components of community development adjacent to Morinville, Alberta; M.D. Scheelar, 1973. Open File Report 1973-6 (1 map) (NTS 83H).

6. Detailed soil survey of the Camrose area; M.D. Scheelar, 1973. Open File Report 1973-7 (1 map) (NTS 83H).

7. Soil interpretations for aiding in the planning for mobile home sites in the town of Bashaw, Alberta; M.D. Scheelar, 1973. Open File Report 1973-9 (1 map) (NTS 83A).

8. Soil survey for community development, Leduc, Alberta; M.D. Scheelar, 1974. Open File Report 1974-10 (1 map) (NTS 83H).

9. Detailed soil survey of the Canmore area; L.J. Knapik, 1974. Open File Report 1974-20 (1 map) (NTS 82O).

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[35] Out of print.

[36] Out of print but available on microfiche.

10. Detailed soil survey of the Airdrie area; M.D. Scheelar, 1975. Open File Report 1975-3 (1 map) (NTS 82O).

11. Detailed soil survey of the Strathmore area; M.D. Scheelar, 1975. Open File Report 1975-4 (1 map) (NTS 82P).

12. Detailed soil survey of the Cochrane area; M.D. Scheelar, 1975. Open File Report 1975-7 (1 map) (NTS 82O).

13. Detailed soil survey of the Black Diamond - Turner Valley area; M.D. Scheelar, 1975. Open File Report 1975-8 (1 map) (NTS 82J).

14. Detailed soil survey of the St. Albert area; L.J. Knapik and C.F. Veauvy, 1975. Open File Report 1975-10 (1 map) (NTS 83H).

15. Detailed soil survey of the Okotoks area; M.D. Scheelar, 1975. Open File Report 1975-11 (1 map) (NTS 82I).

16. Detailed soil survey of the High River area; M.D. Scheelar, 1975. Open File Report 1975-12 (1 map) (NTS 82I).

17. Detailed soil survey of the Canmore corridor area; M.D. Scheelar, 1976. Open File Report 1976-13 (1 map) (NTS 82O).

18. Detailed soil survey of Bragg Creek area; M.D. Scheelar and C.F. Veauvy, 1977. Open File Report 1977-2 (1 map) (NTS 82J).

19. Detailed soil survey of the Lac Ste. Anne area; T.M. Macyk and C.F. Veauvy, 1977. Open File Report 1977-9 (4 maps) (NTS 83G).

20. Detailed soil survey of the Ardrossan area; M.D. Scheelar, 1978. Soils Department Report M-78-4 (1 map) (NTS 83H).

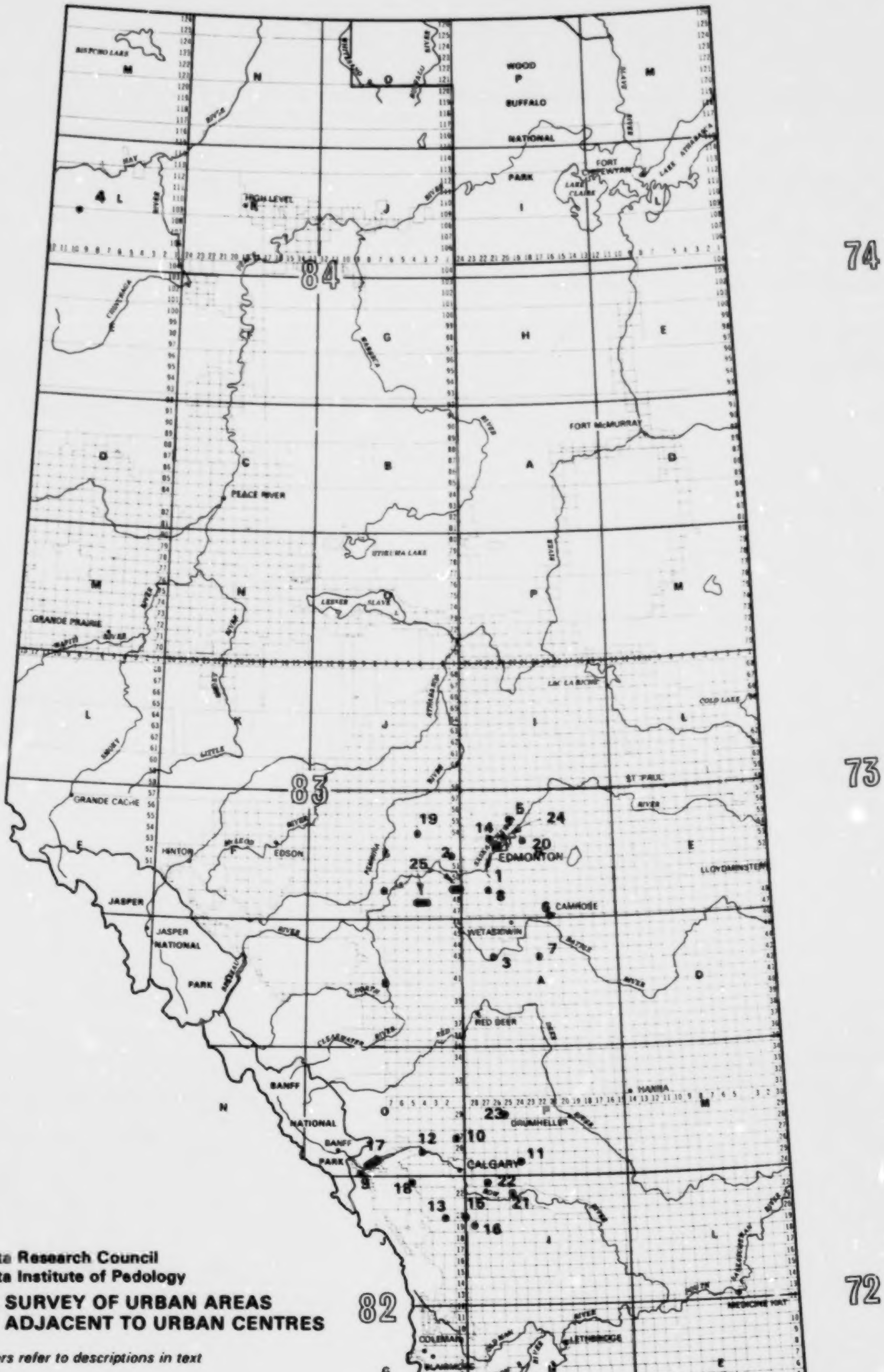
21. Detailed soil survey of the Carseland area; M.D. Scheelar, 1978. Soils Department Report M-78-7 (1 map) (NTS 82I).

22. Detailed soil survey of the Langdon area; M.D. Scheelar, 1978. Open File Report 1978-10 (1 map) (NTS 82I).

23. Detailed soil survey of the Acme area; M.D. Scheelar, 1978. Open File Report 1978-11 (1 map) (NTS 82P).

24. Fort Saskatchewan; (in preparation) (NTS 83H).

25. Detailed soil surveys of the Calmar, Thorsby, Breton, Warburg and Drayton Valley Areas; M.D. Scheelar, 1979. Open File Report 1983-24. (NTS 83G,H).



BISTCHO LAKE
WOOD
BUFFALO
NATIONAL
PARK
FORT CHIPEWYAN
LAKE CLAIRE
LAKE ATHABASCA
HIGH LEVEL
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FORT McMURRAY
PEACE RIVER
UTIKUMA LAKE
LESSER SLAVE LAKE
GRANDE PRAIRIE
LAC LA BICHE
COLD LAKE
ST PAUL
LLOYDMINSTER
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GRANDE CACHE
HINTON
EDSON
JASPER
JASPER NATIONAL PARK
EDMONTON
CAMROSE
WETASKIWIN
RED DEER
HANNA
DRUMHELLER
BANFF
BANFF NATIONAL PARK
CALGARY
MEDICINE HAT
LETHBRIDGE
COLEMAN
BLAIRMORE
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Alberta Research Council
Alberta Institute of Pedology

SOIL SURVEY OF URBAN AREAS AND ADJACENT TO URBAN CENTRES

Numbers refer to descriptions in text

SOLONETZIC SOILS OF ALBERTA

DETAILS : A 1:1 000 000 map has been prepared showing the solonetzic or of soils found in Alberta. These soils, formed under grass or grass-forest vegetative cover in semi-arid or subhumid climates, have a stained brownish solonetzic B (Bnt or Bn) horizon or a saline C horizon.

For related information refer to "Exploratory Soil Survey Series" on page 122, "Land (Soil) Capability for Agriculture" on page 144, "Reconnaissance Soil Survey Map Series" on page 178, "Soil Surveys of National and Provincial Parks and Areas Assessed for Parks Planning" on page 183, "Soils Mapping - AOSERP" on page 188, "Soil Survey of Urban Areas and Areas Adjacent to Urban Centres" on page 189, "Soil Irrigability Reports" on page 290, and "Soil Data Computer File (Cansis)" on page 363.

FILE SIZE : 1 map

PROJECT DURATION : 1982

SOURCE : Environment Canada; and theAlberta Institute of Pedology in conjunction with Agriculture Canada.

LOCATION : Information may be obtained from:

Faculty of Extension
Corbett Hall
University of Alberta
82nd Avenue and 112th Street
Edmonton, Alberta
T6G 2G4 (403) 432-3029

or

Alberta Soil Survey
Agriculture Canada
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 420-4243

SPECIAL ECOLOGICAL STUDIES

DETAILS : This series of reports, with maps, deal with ecological inventories and studies undertaken by the Resource Appraisal Section of the Resource Evaluation Branch at the request of various user agencies. As these do not follow the same format as the "Land Classification Studies - Ecological" on page 152, they have been included as distinct and separate studies.

For related information refer to "Alberta 1:50 000 Provincial Resource Base Map Series (Planimetric and Forest Cover)" on page 77, "Alberta 1:190 080 Provincial Forest Reserve (Topographical) Maps" on page 82, "Forage Inventory Program" on page 127, "Forest Inventory Mapping" on page 129, "Land Capability for Forestry" on page 145, "Land Classification Studies - Ecological" on page 152, "Land Use and Zoning Maps" on page 160, "Range Allotment Maps" on page 176, "Maintaining and Expanding the Agricultural Land Base in Alberta" on page 254, "Phase III Forest Inventory Information Reports" on page 279, "Regional and Rural Planning Programs" on page 282, and "Forest Reserve Grazing Records Manual File" on page 321.

FILE SIZE : 9 studies

PROJECT DURATION : 1973-

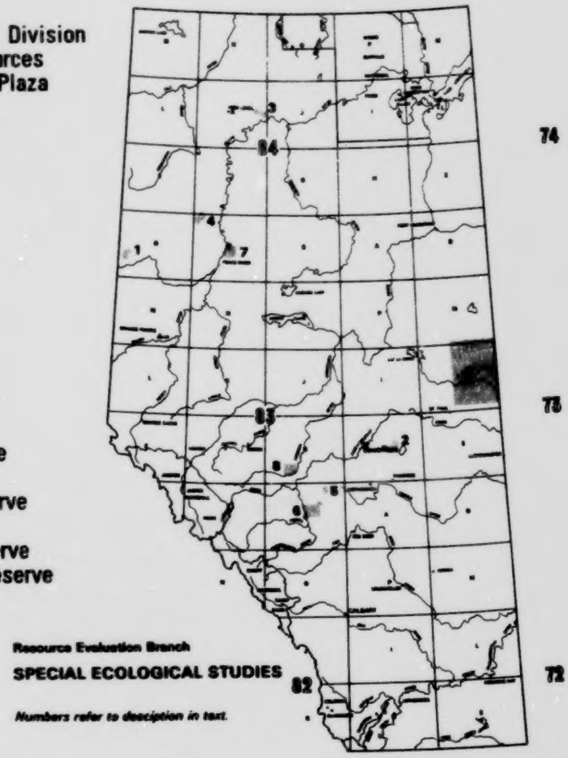
FREQUENCY OF UPDATE : Periodically

SOURCE : Alberta Energy and Natural Resources, Resource Evaluation and Planning Division, Resource Evaluation Branch.

LOCATION : Copies of the studies are available from:

Resource Appraisal Section
Resource Evaluation Branch
Resource Evaluation and Planning Division
Alberta Energy and Natural Resources
4th Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-7222

1. Bear Canyon Grazing Reserve
2. Blackfoot Grazing Reserve
3. Fort Vermilion Grazing Reserve
4. Manning Grazing Reserve
5. Medicine Lake Grazing Reserve
6. Rocky Mtn.House Grazing Reserve
7. Pembina Grazing Reserve
8. Cold Lake Region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Resource Evaluation Branch
SPECIAL ECOLOGICAL STUDIES
Numbers refer to description in text.

SPECIAL GEOMORPHIC LANDFORM MAPS

DETAILS : A collection of CLI and ALI maps prepared to provide a physical resource data base for rating the lands forest productivity potential based upon parent geological material. Landscapes are divided into relatively natural homogeneous units by parent geological materials. CLI and ALI maps differ in format only.

For related information refer to "Land Classification Studies - Physical" on page 155, "Surficial Geology - Alberta Research Council" on page 196, "Surficial Geology - Geological Survey of Canada" on page 202, "Surficial Geology and Erosion Potential, Foothills of Alberta" on page 205, "Surficial Geology Mapping - AOSERP Area" on page 206, "AFORISM - Alberta Forest Inventory Storage and Maintenance" on page 301, and "Urban Geology Manual File" on page 369.

FILE SIZE : 326 maps

PROJECT DURATION : 1961-1979

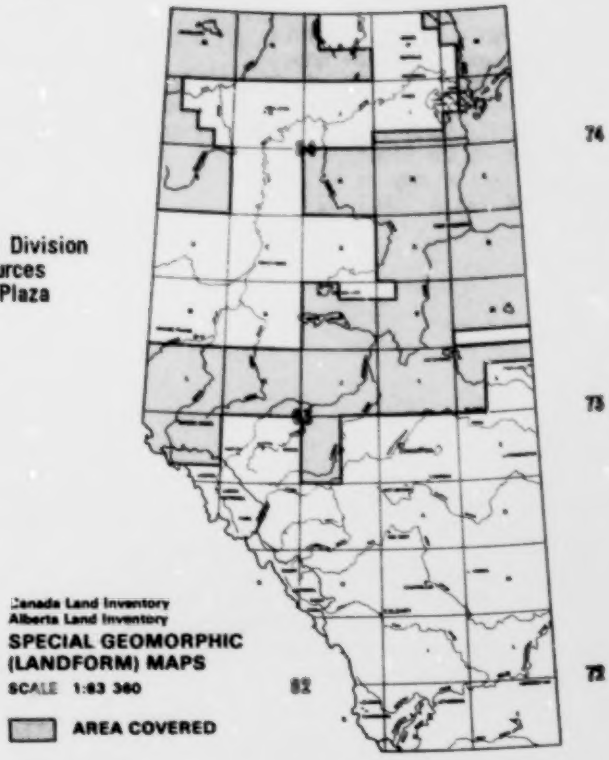
SOURCE : Environment Canada, Lands Directorate, and Alberta Energy and Natural Resources.

LOCATION : Maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

or

Land Classification Section
Resource Evaluation Branch
Resource Evaluation and Planning Division
Alberta Energy and Natural Resources
4th Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-7222



STEREOPLOTTER MAPPING

DETAILS : Special purpose topographic and planimetric maps are produced at a variety of scales dependent on the requirements of the project, although scales of 1:2 400 and 1:2 000 predominate. Annual index maps are available, indicating the areas for which stereoplotter mapping has been completed.

For related information refer to "Alberta 1:5 000 Orthophoto Topographic Map Series" on page 74, "Alberta 1:20 000, 1:25 000 and 1:40 000 Planimetric Urban Map Series" on page 76, "National Topographic System (NTS) Maps" on page 166, "Provincial Parks : Topographic Maps, Aerial Photographs and Mosaics" on page 174, and "Special Geomorphic Landform Maps" on page 194.

FILE SIZE : 350 + projects

PROJECT DURATION : 1972-

SOURCE : Alberta Energy and Natural Resources, Resource Evaluation and Planning Division, Photogrammetric Services.

LOCATION : Index maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

SURFICIAL GEOLOGY - ALBERTA RESEARCH COUNCIL

DETAILS : A collection of surficial geology maps indicating distribution, origin and type of surficial materials deposited in parts of Alberta. Maps showing the gross thickness of surficial deposits or many parts of the Plains are published with the Bedrock Topography Series.

For related information refer to "Land Classification Studies - Physical" on page 155, "Surficial Geology - Geological Survey of Canada" on page 202, "Surficial Geology and Erosion Potential, Foothills of Alberta" on page 205, "Surficial Geology Mapping - AOSERP Area" on page 206, "Bentonites and Limestones Manual File" on page 307, "Clays and Shales Manual File" on page 308, "Mineral Exploration Sample Storage Manual File" on page 328, and "Urban Geology Manual File" on page 369.

FILE SIZE : 54 studies with various maps

PROJECT DURATION : 1955-

SOURCE : Alberta Research Council, Alberta Geological Survey.

LOCATION : Surficial geology maps **and** reports may be obtained from:

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Only those maps indicated are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

Number on Index Map	**Description**
1.	Glacial Geology of Coronation district; C.P. Gravenor and L.A. Bayrock, 1955. Scale 1:63 360. Accompanies Earth Sciences Report 55-1. (NTS 73D).[38]
2.	Glacial Geology of Castor district; C.P. Gravenor, 1956. Scale 1:63 360. Accompanies Earth Sciences Report 56-2. Preliminary map. (NTS 83D).[38]
3.	Glacial Geology of the Sedgewick district; C.P. Gravenor and R.B. Ellwood, 1957. Two maps. Scale 1:63 360. Accompanies Earth Sciences Report 57-1. (NTS 73D).[38]

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[37] Out of print.

[38] Out of print, but available on microfiche.

[39] Available from Distribution Services, ENR.

4. Glacial Geology of the Alliance-Brownfield district; L.A. Bayrock, 1958. Two maps. Scale 1:63 360. Accompanies Earth Sciences Report 57-2. (NTS 73D).[38]

5. Glacial Geology of the Galahad-Hardisty district; L.A. Bayrock, 1958. Two maps. Scale 1:63 360. Accompanies Earth Sciences Report 57-3. (NTS 73D).[38]

6. Surficial Geology of the Edmonton district; L.A. Bayrock and G.M. Hughes, 1962. Four maps. Scale 1:63 360. Accompanies Earth Sciences Report 62-6. (NTS 83H).[38]

7. Surficial Geology of the Vauxhall district; L.A. Bayrock and J.F. Jones, 1963. Scale 1:63 360. Accompanies Earth Sciences Report 63-2. (NTS 82I).

8. Surficial Geology of the Cypress Hills; J.A. Westgate, 1965. Six maps. Scale 1:63 360. Accompanies Earth Sciences Report 65-2. (NTS 72E).[37]

9. Surficial deposits of the Peace River district, Alberta; J.F. Jones, 1966. Scale 1:506 880. Accompanies Bulletin 16. (NTS 83M,N; 84C,D).[38]

10. Surficial Geology of the Wainwright area (east half), Alberta; L.A. Bayrock, 1967. Eight maps. Scale 1:63 360. Accompanies Earth Sciences Report 67-4. (NTS 73D).[37]

11. Surficial Geology of the Foremost-Cypress Hills area; J.A. Westgate, 1968. Scale 1:250 000. Accompanies Bulletin 22. (NTS 72E).[37]

12. Surficial Geology of the Edson area; M.A. Roed, 1970. Scale 1:250 000 (excludes most of the southwestern part of the area contained within the Foothills region). (NTS 83).

13. Surficial Geology of the Bitumount area; L.A. Bayrock, 1971. Scale 1:250 000. (NTS 74E).[37]

14. Surficial Geology of the Fort Chipewyan area; L.A. Bayrock, 1972. Scale 1:250 000. (NTS 74L).[39]

15. Surficial Geology of the Lake Claire map area; L.A. Bayrock, 1972. Scale 1:250 000. (NTS 84I).[39]

16. Surficial Geology of the Peace Point and Fitzgerald map area; L.A. Bayrock, 1972. Scale 1:250 000. (NTS 84P; 74M).[39]

17. Surficial Geology of the Edmonton area; L.A. Bayrock, 1972. Scale 1:250 000. Accompanies Bulletin 32 and Earth Sciences Report 73-2. (NTS 83H).[37]

18. Surficial Geology of the Medicine Hat area; T. Berg and R.A. McPherson, 1972. Scale 1:250 000. (NTS 72L).[39]

19. Surficial Geology of the Rocky Mountain House area; A.N. Boydell, L.A. Bayrock and T.H. Reimchen, 1974. Scale 1:250 000. (NTS 83B).[39]

20. Surficial Geology, Wapiti Map Sheet; L. Andriashek, 1983. Scale 1:250 000. Open File Report 1983-23. (NTS 83L).

21. Surficial Geology of the Waterways area; L.A. Bayrock and T.H. Reimchen, 1974. Scale 1:250 000. (NTS 74D).[39]

22. Surficial Geology of the Wabamun Lake area; L.D. Andriashek, M.M. Fenton and J.D. Root, 1979. Scale 1:250 000. (NTS 83G).[39]

23.

   a. Surficial Geology of the Edmonton area; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 23 in Bulletin 32. (NTS 83H).[40] :12.Kathol, C. P.
   b. Surficial deposits of sand and gravel in the Edmonton region; C.P. Kathol and R. McPherson, 1975. Scale 1:250 000. Figure 33 in Bulletin 32. (NTS 83H). :12.Kathol, C. P.

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[40] Maps 23a to 23p are available in Alberta Research Council Bulletin 32, URBAN GEOLOGY OF EDMONTON, or they may be purchased separately.

c. Thickness of surficial deposits in the Edmonton area; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 24 in Bulletin 32. (NTS 83H). :12.Kathol, C. P.

d. Thickness of glaciolacustrine sediments in the Edmonton area; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 29 in Bulletin 32. (NTS 83H). :12.Kathol, C. P.

e. Thickness of glacial till in the Edmonton area; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 28 in Bulletin 32. (NTS 83H). :12.Kathol, C. P.

f. Thickness of Saskatchewan gravels and sands and overburden in the Edmonton area; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 27 in Bulletin 32 (83H). :12.Kathol, C. P.

g. Geological cross-sections in the Edmonton area; C.P. Kathol and R.A. McPherson (4 sheets), 1975. Figure 26 in Bulletin 32 (see 23h for index to cross-sections). (NTS 83H). :12.Kathol, C. P.

h. Index map showing lines of geological cross-sections; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 25 in Bulletin 32 (see 23g for cross-sections). (NTS 83H). :12.Kathol, C. P.

i. Susceptibility of deposits to erosion in the Edmonton area; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 41 in Bulletin 32. (NTS 83H). :12.Kathol, C. P.

j. Susceptibility of deposits to slumping in the Edmonton area; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 42 in Bulletin 32. (NTS 83H). :12.Kathol, C. P.

k. Potential sulfate hazard in the Edmonton area; C.P. Kathol and R.A. McPherson, 1975. Figure 38 in Bulletin 32. (NTS 83H). :12.Kathol, C. P.

l. General construction conditions in the Edmonton area; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 36 in Bulletin 32. (NTS 83H). :12.Kathol, C. P.

m. Suitability of the Edmonton area for deep sewer construction 10 - 50 feet below the surface; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 43 in Bulletin 32. (NTS 83H). :12.Kathol, C. P.

n. Suitability of the Edmonton area for deep sewer construction 50 - 100 feet below the surface; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 44 in Bulletin 32. (NTS 83H). :12.Kathol, C. P.

o. Suitability of the Edmonton area for deep sewer construction at depths greater than 100 feet (30 m) below the surface; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 45 in Bulletin 32. (NTS 83H). :12.Kathol, C. P.

p. Suitability of the Edmonton area for solid waste disposal; C.P. Kathol and R.A. McPherson, 1975. Scale 1:50 000. Figure 40 in Bulletin 32. (NTS 83H). :12.Kathol, C. P.

24. Surficial Geology, House Mountain, Alberta; C.P. Kathol and R.A. McPherson, 1974. Scale 1:50 000. Accompanies Alberta Research Council Report 74-5. :12.Kathol, C. P.

25.

a. Surficial Geology of the Alberta Foothills and Rocky Mountains; L.A. Bayrock and T.H. Reimchen, 1980. Six sheets. Scale 1:250 000. (NTS 83L,F; 82O,J,G,H).[39]

b. Surficial Geology and erosion potential of Rocky Mountains and the Foothills of Alberta; T.H. Reimchen and L.A. Bayrock, 1977 (226 maps as transparent overlays for each of the 1:50 000 National Topographic System map sheets) Open File 1977-14.

26. Surficial Geology and maps related to urban geology, Calgary area; S. Moran et al. Scale 1:50 000 and 1:25 000 (in preparation).[41]

27. Surficial Geology, Sand River; L.D. Andriashek and M.M. Fenton. Scale 1:250 000 (in press). Open File Report 1979-6.

28. Surficial Geology, Fitzgerald (east of the Slave River) and Fort Chipewyan (north of Lake Athabasca, Mamawi Lake and Baril Lake; J.D. Godfrey. Scale 1:250 000 (in preparation).

29.

a. Surficial Geology, Athabasca Oil Sands area; R.A. McPherson and C.P. Kathol. Scale 1:50 000. Open File NO. 1977-4. (NTS 74E).

b. Surficial Geology of potential mining areas in the Athabasca Oil Sands region; R.A. McPherson and C.P. Kathol. Scale 1:125 000. Open File No. 1977-4. Contains considerable detailed information. (NTS 74E).

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[41] Similar in format and content to maps in Alberta Research Council Bulletin 32,URBAN GEOLOGY OF EDMONTON. (maps 23a to 23p).

30. Terrain analysis (including surficial deposits, topography and slope); Banff National Park, Alberta; L.A. Bayrock and T.H. Reimchen, 1976. Scale 1:50 000. Available from **Parks Canada, Western Region, Calgary office.**[42]

31. Terrain analysis (including surficial deposits, topography and slope); Jasper National Park, Alberta; L.A. Bayrock and T.H. Reimchen, 1976. Scale 1:50 000. Available from **Parks Canada, Western Region, Calgary office**.

32. Terrain analysis (including surficial deposits, topography and slope); Wood Buffalo National Park, Alberta and Northwest Territories; L.A. Bayrock and T.H. Reimchen, 1976. Scale 1:100 000. Available from **Parks Canada, Prairie Region, Winnipeg office**.

33. Surficial Geology of the Vermilion area, M. Fenton and C. Mougert, (in preparation). (NTS 73E).

34. Quarternary Geology, Southern Alberta; I. Shetsen. Scale 1:500 000.

    a. Part 1, South of 52 degrees latitude (in preparation). (NTS 72E,L,M ; 82H,I,J,O,P).
    b. Part 2, South of 54 degrees 30 minutes latitude (in preparation). (NTS 73D,E,L ; 83A,B,F,G,H,I,J,K).

35. Investigations of Surficial Geology and Quarternary Stratigraphy of Edmonton area; L. Andriashek, 1983. Open File Report 1983-20 (in preparation). (NTS 83H).

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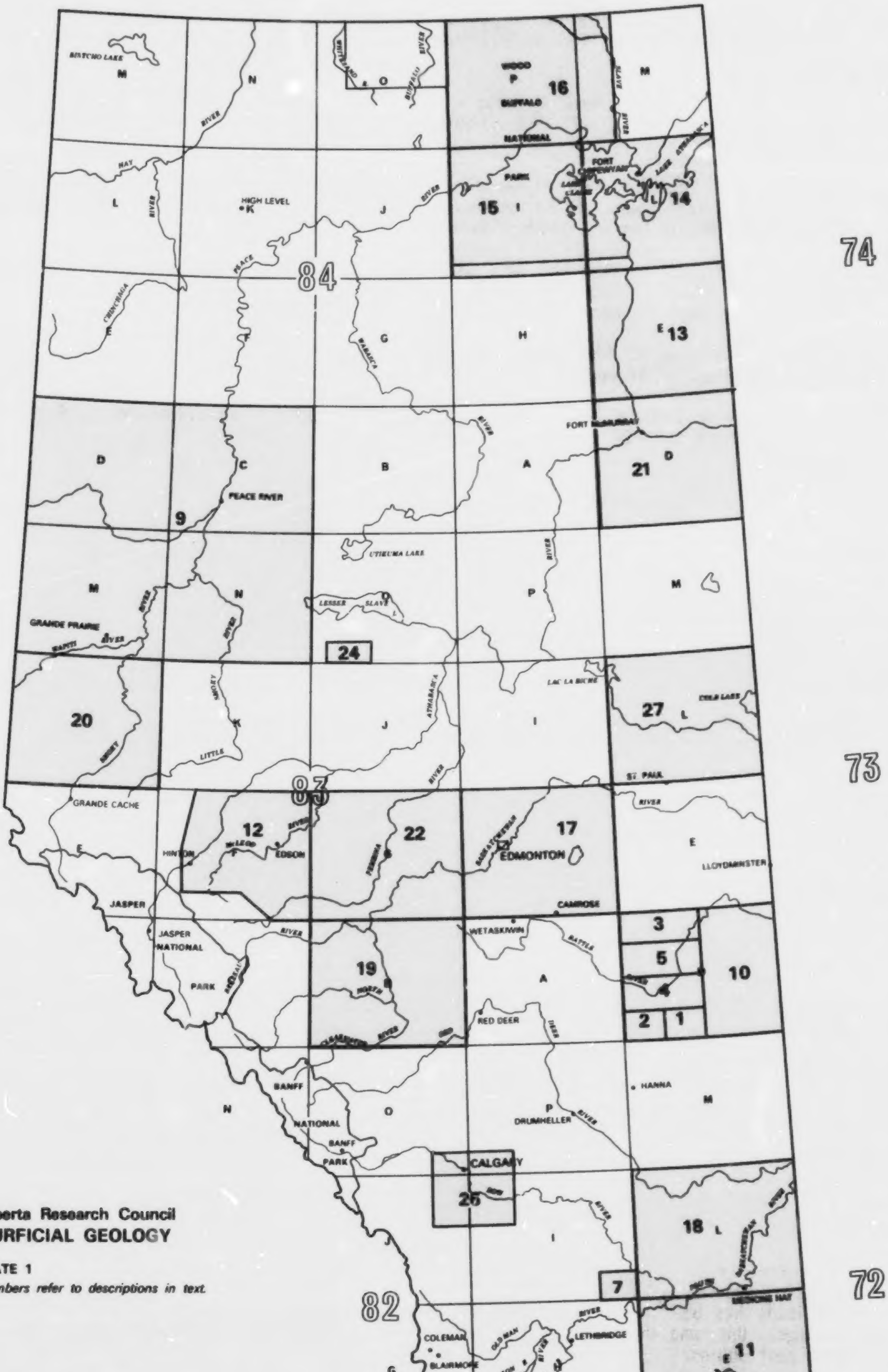
[42] Difficulty has been noted in locating this report; as this was reported too late to incorporate the changes, this, and the following two entries, have been left in the N.R.I.D. They will be removed in the next edition.


BISTCHO LAKE
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WOOD
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BUFFALO
NATIONAL
PARK
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SLAVE RIVER
HAY
RIVER
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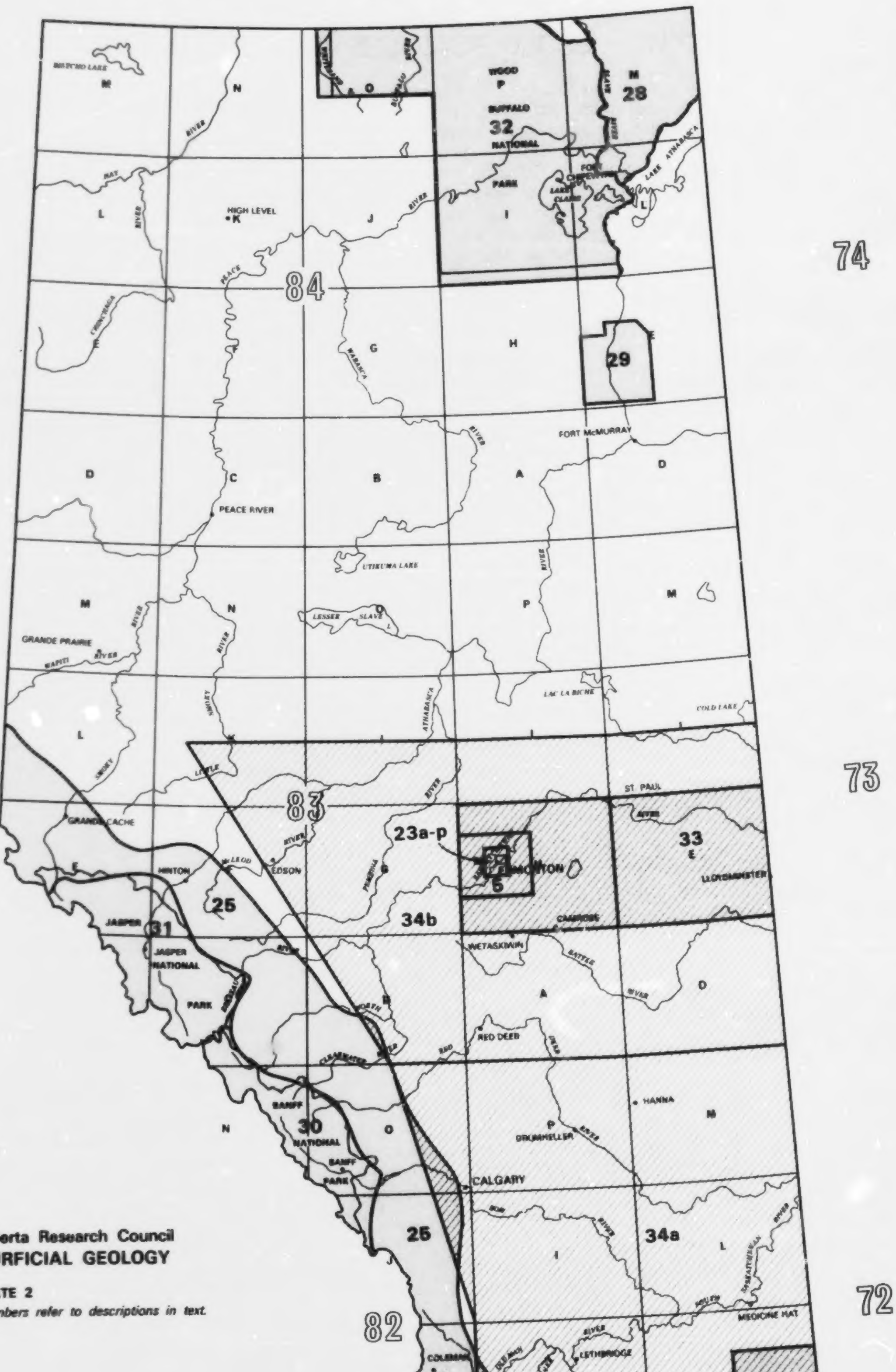
HIGH LEVEL
K
J
RIVER
15
FORT CHIPEWYAN
LAKE ATHABASCA
14
74
84
PEACE
CHINCHAGA
E
F
G
WABASCA
H
E 13
FORT McMURRAY
D
C
PEACE RIVER
B
A
RIVER
21
D
9
UTIKUMA LAKE
M
N
O
LESSER SLAVE L
P
M
GRANDE PRAIRIE
WAPITI RIVER
24
LAC LA BICHE
COLD LAKE
20
SMOKY
K
LITTLE
J
ATHABASCA
I
27
L
73
GRANDE CACHE
83
12
McLEOD
RIVER
EDSON
22
PEMBINA
17
SASKATCHEWAN
EDMONTON
ST. PAUL
RIVER
E
LLOYDMINSTER
HINTON
F
E
JASPER
CAMROSE
WETASKIWIN
3
5
10
JASPER
NATIONAL
PARK
RIVER
19
NORTH
BATTLE
A
4
2
1
RED DEER
CLEARWATER
RIVER
BANFF
HANNA
M
N
O
P
DRUMHELLER
RIVER
NATIONAL
BANFF
PARK
CALGARY
25
BOW
J
I
RIVER
18
L
7
72
82
SOUTH SASKATCHEWAN RIVER
MEDICINE HAT
COLEMAN
BLAIRMORE
OLDMAN
RIVER
LETHBRIDGE
11
E
WATERTON
BELLY
ST. MARY
G
MILK RIVER

Alberta Research Council
SURFICIAL GEOLOGY

PLATE 1
Numbers refer to descriptions in text.


84
74
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BISTCHO LAKE
WOOD
BUFFALO
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PARK
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FORT CHIPEWYAN
LAKE CLAIRE
LAKE ATHABASCA
HIGH LEVEL
FORT McMURRAY
PEACE RIVER
UTIKUMA LAKE
LESSER SLAVE
GRANDE PRAIRIE
WAPITI
LAC LA BICHE
COLD LAKE
ST. PAUL
GRANDE CACHE
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23a-p
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LLOYDMINSTER
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34b
JASPER
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JASPER NATIONAL PARK
WETASKIWIN
CAMROSE
RED DEER
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BANFF NATIONAL PARK
DRUMHELLER
HANNA
CALGARY
34a
MEDICINE HAT
LETHBRIDGE
COLEMAN
BLAIRMORE
8
PEACE
RIVER
ATHABASCA
SMOKY
CLEARWATER
NORTH SASKATCHEWAN
BATTLE
BOW
SOUTH SASKATCHEWAN
OLDMAN
MILK

Alberta Research Council
SURFICIAL GEOLOGY

PLATE 2
Numbers refer to descriptions in text.

SURFICIAL GEOLOGY - GEOLOGICAL SURVEY OF CANADA

DETAILS : A series of surficial geology maps indicating the type, distribution and origin of unconsolidated materials which overlie the bedrock in most parts of Alberta.

For related information refer to "Land Classification Studies - Physical" on page 155, "Surficial Geology - Alberta Research Council" on page 196, "Surficial Geology and Erosion Potential, Foothills of Alberta" on page 205, "Surficial Geology Mapping - AOSERP Area" on page 206, "Bentonites and Limestones Manual File" on page 307, "Clays and Shales Manual File" on page 308, "Mineral Exploration Sample Storage Manual File" on page 328, and "Urban Geology Manual File" on page 369.

FILE SIZE : 20 maps

PROJECT DURATION : 1956-

SOURCE : Department of Energy, Mines and Resources, Geological Survey of Canada.

LOCATION : Open file information may be obtained from:

Publications and Air Photo Section
Institute of Sedimentary and Petroleum Geology
Geological Survey of Canada
Energy Mines and Resources
3303-33rd Street, N.W.
Calgary, Alberta
T2L 2A7 (403) 284-0354

or

Library
Publications Department
Geological Survey of Canada
601 Booth Street
Ottawa, Ontario
K1A 0E8 (613) 995-4342

Copies of some open file information may be purchased from:

Riley's Datashare International Ltd.
1223-31st Avenue, N.E.
Calgary, Alberta
T2E 1W7 (403) 282-1231

Number on Index Map	Description
1.	Beiseker; A. MacS. Stalker, 1956. Map 55-7. Scale 1:126 720. See number 16. (NTS 82P).[43]
2.	Drumheller; B.G. Craig, 1957. Map 13-1957. Scale 1:253 440. See number 16. (NTS 82P).[43]
3.	High River; A. MacS. Stalker, 1957. Map 14-1957. Scale 1:253 440. (NTS 82I).
4.	Fort McLeod; A. MacS. Stalker, 1959. Map 21-1958. Scale 1:253 440. (NTS 82H).
5.	Sturgeon Lake; E.P. Henderson, 1960. Map 1077A. Scale 1:253 440, with Memoir 303. (NTS 83N).
6.	Red Deer-Stettler; A. MacS. Stalker, 1960. Map 1081A. Scale 1:253 440. Accompanies G.S.C. Memoir 306. (NTS 83A).
7.	Fernie (east half); A. MacS. Stalker, 1962. Map 31-1961, scale 1:253 440. (NTS 82G/1,2,7,8,9,10,15,16).
8.	Lethbridge (east half); A. MacS. Stalker, 1962. Map 41-1962. Scale 1:253 440 (NTS 82H).
9.	Blood Indian Reserve; A. MacS. Stalker, 1963. Map 40-1963. Scale 1:126 720. Accompanies G.S.C. Paper 63-25. (NTS 82H).[43]
10.	Bassano; A. MacS. Stalker, 1965. Map 5-1965. Scale 1:253 440. (NTS 82I/1,2,7-10,15,16).
11.	Iosegun Lake (east half); D.A. St.-Onge, 1967. Map 15-1966. Scale 1:253 440. (NTS 83K/1,2,7-10, 15,16).
12.	Geomorphology, Swan Hills; D.A. St.-Onge, 1969. Map 1206A. Scale 1:50 000. Accompanies Paper 74-26. (NTS 83J/11).
13.	Whitecourt; D.A. St.-Onge and S.H. Richard, 1975. Map 1367A. Scale 1:250 000. (NTS 83J).
14.	Surficial Geology, Dapp Creek; S.H. Richard. Scale 1:100 000. Map 1-1979. (NTS 83I/SW).
15.	Kananaskis Research Forest-Marmot Creek; A. MacS. Stalker, 1974. Map 1365A. Scale 1:50 000. Accompanies G.S.C. Paper 72-51. (NTS 82J/14,15: 82O/2,3).
16.	Drumheller; A. MacS. Stalker, 1973. Map 1336A. Scale 1:250 000. Accompanies G.S.C. Memoir 370 (NTS 82P).
17.	a. Surficial Geology, Banff area; N.W. Rutter, 1972. Map 1324A, Sheet 1 and 2. Scale 1:50 000. Accompanies G.S.C. Bulletin 206. (NTS 82J/13,14; 82O/3,4,5,6; 82N/1,8). b. Relative ages of surficial deposits, Banff area; N.W. Rutter, 1972. Map 1325A. Scale 1:125 000. Accompanies G.S.C. Bulletin 206. (NTS 82N/1,8; 82O/3,4,5,6).
18.	Surficial Geology and Terrain Inventory of the Alberta Portion of the Kananaskis Lakes Map Area; L.E Jackson, Jr.,1980. Open File 924. Scale 1:125 000. (NTS 82J).[44]
19.	Waterton Lakes National Park : Quarternary Geology; J.E. Harrison, 1976. Map 1422A, scale 1:50 000. With Miscellaneous Report 26. (NTS 82G/1; 82H/4).

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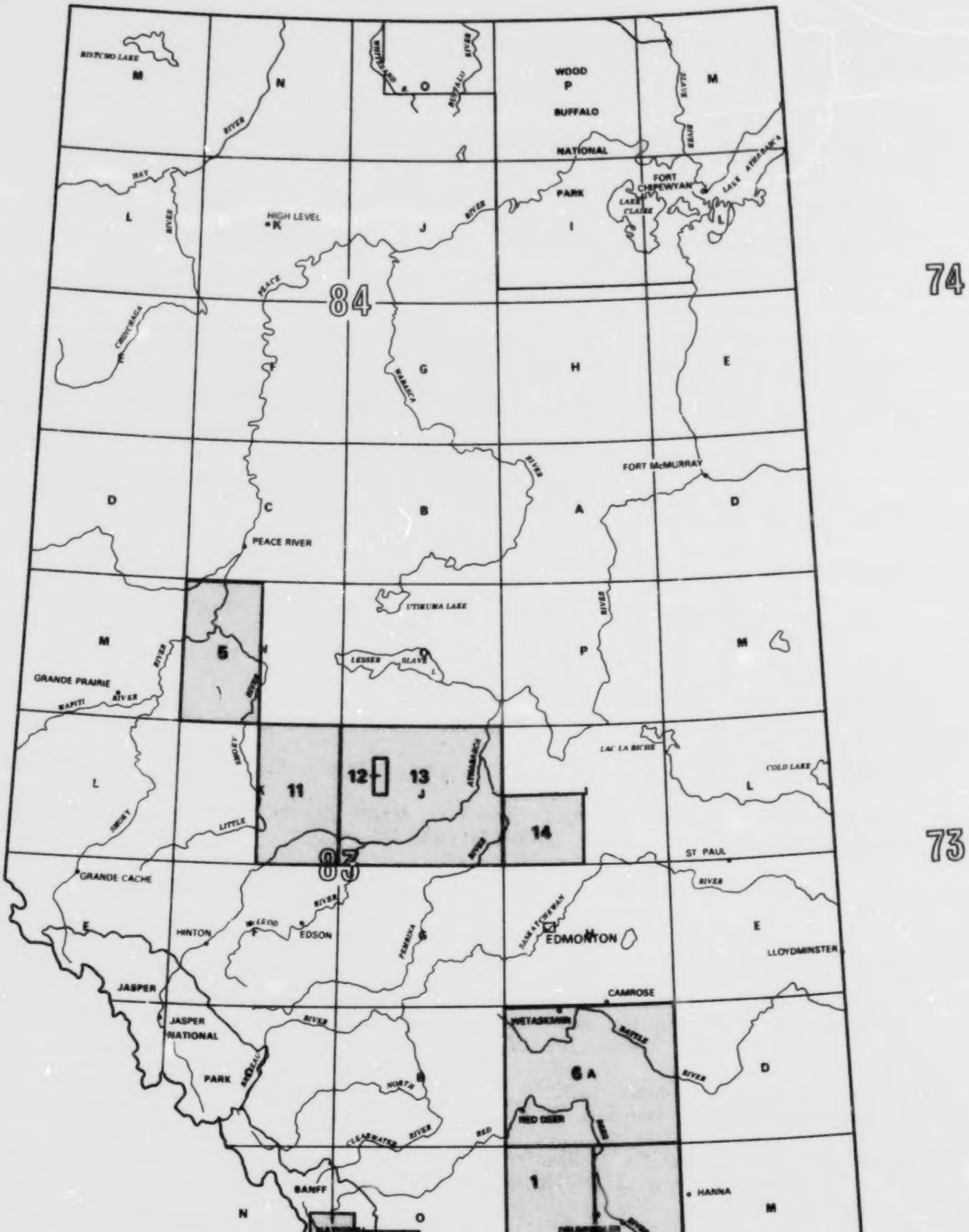
[43] Out of print.

[44] Available only from Riley's Datashare.


BISTCHO LAKE
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FORT CHIPEWYAN
LAKE CLAIRE
LAKE ATHABASCA
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PEACE
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CHINCHAGA
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WABASCA
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PEACE RIVER
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FORT McMURRAY
D
UTIKUMA LAKE
LESSER SLAVE L
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GRANDE PRAIRIE
WAPITI RIVER
LAC LA BICHE
COLD LAKE
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JASPER
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PARK
CAMROSE
WETASKIWIN
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CLEARWATER RIVER
RED
RED DEER
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CALGARY
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18
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10
L
SOUTH SASKATCHEWAN
72
82
MEDICINE HAT
LETHBRIDGE
8
E
MILK RIVER

Geological Survey Of Canada
SURFICIAL GEOLOGY

Numbers refer to descriptions in text.

SURFICIAL GEOLOGY AND EROSION POTENTIAL, FOOTHILLS OF ALBERTA

DETAILS : Surficial geology, erosion potential and slope maps have all been prepared at 1:50 000 for the Rocky Mountains-Foothills Region of Alberta (refer to entry 25b of "Surficial Geology - Alberta Research Council" on page 196). Maps are available as transparent overlays for each of the national topographic 1:50 000 map sheets.

For related information refer to "Land Classification Studies - Physical" on page 155, "Surficial Geology - Alberta Research Council" on page 196, "Surficial Geology - Geological Survey of Canada" on page 202, "Surficial Geology Mapping - AOSERP Area" on page 206, "Erosion of Land in Northwestern Alberta" on page 236, "Bentonites and Limestones Manual File" on page 307, "Clays and Shales Manual File" on page 308, "Mineral Exploration Sample Storage Manual File" on page 328, and "Urban Geology Manual File" on page 369.

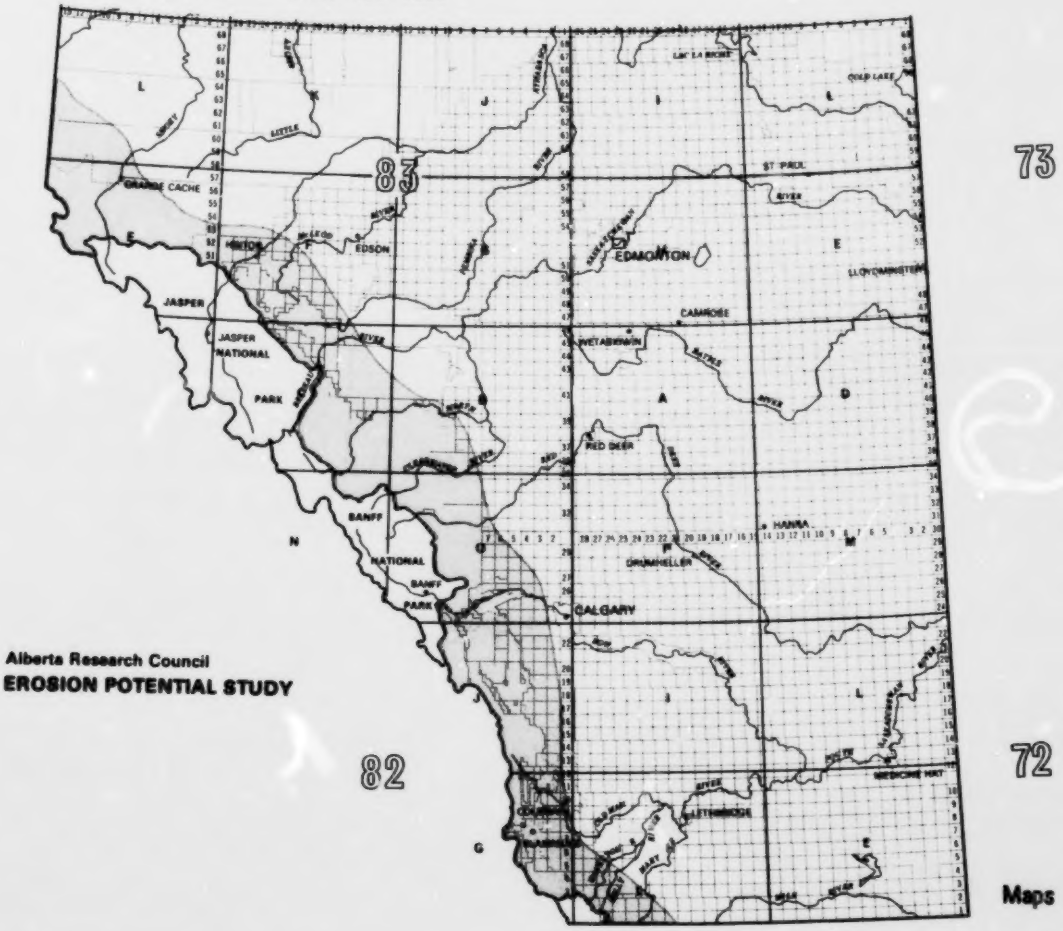
FILE SIZE : 226 map sheets

PROJECT DURATION : 1974-1976

SOURCE : Alberta Research Council, Alberta Geological Survey.

LOCATION : Reports and maps are available as Open File 1977-14 from:

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666


Alberta Research Council
EROSION POTENTIAL STUDY
83
73
82
72
GRANDE CACHE
HINTON
EDSON
JASPER
JASPER NATIONAL PARK
EDMONTON
ST PAUL
LLOYDMINSTER
CAMROSE
WETASKIWIN
RED DEER
HANNA
DRUMHELLER
BANFF
BANFF NATIONAL PARK
CALGARY
LETHBRIDGE
MEDICINE HAT
COLD LAKE

SURFICIAL GEOLOGY MAPPING - AOSERP AREA

DETAILS : A series of surficial geology maps indicating the types, distribution and origin of unconsolidated materials which overlie the bedrock in the Alberta Oil Sands Environmental Research Program (AOSERP) study area. The following 1:50 000 NTS maps are available : 74D/6,11,13, and 14; 74E/3,4,5,6 and 12.

These maps are components of a comprehensive report [45] titled: **Ecological Habitat Mapping of the AOSERP Study Area Phase 1**, Report No. 31, Project VE 2.3, 1978.

For related information refer to "Land Classification Studies - Physical" on page 155, "Soils Mapping - AOSERP" on page 188, "Surficial Geology - Alberta Research Council" on page 196, "Surficial Geology - Geological Survey of Canada" on page 202, "Surficial Geology and Erosion Potential, Foothills of Alberta" on page 205, "Vegetation Mapping - AOSERP" on page 208, "Bentonites and Limestones Manual File" on page 307, "Clays and Shales Manual File" on page 308, "Mineral Exploration Sample Storage Manual File" on page 328, and "Urban Geology Manual File" on page 369.

FILE SIZE : 9 map sheets

PROJECT DURATION : 1975-1979

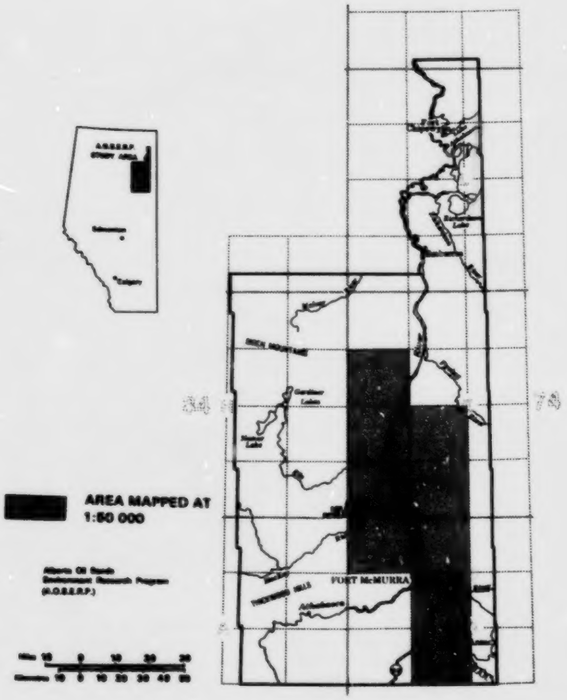
SOURCE : Alberta Environment, Research Management Division, Alberta Oil Sands Environmental Research Program.

LOCATION : Diazo copies available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

Further information may be obtained from:

Publications Officer
Research Management Division
Alberta Environment
14th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-3946


AREA MAPPED AT 1:50 000
Alberta Oil Sands Environmental Research Program (A.O.S.E.R.P.)
FORT McMURRA
Gardiner Lake
Athabasca
Miles 10 0 10 20 30
Kilometres 10 0 10 20 30 40 50

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[45] Report is out of print and available only from select libraries. Contact Publications Officer, Research Management Division, for further information.

TOWNSHIP PLANS

DETAILS : This series of 1:31 000 township maps indicate the legal subdivision of land within Alberta by township, range and meridian. All measurements are in chains (1" = 40 chains = 1:31 000).

For related information refer to "Alberta 1:250 000 Ground Control Survey Maps" on page 83, "Baseline Plans" on page 93, "East Outline Plans" on page 112, "Interprovincial Boundary Plans and East Outlines" on page 143, "National Topographic System (NTS) Maps" on page 166, and "Alberta Township System Records" on page 305.

FILE SIZE : 4 000 + plans

PROJECT DURATION : 1882-

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping.

LOCATION : Township plans may be obtained from :

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

VEGETATION MAPPING - AOSERP

DETAILS : A series of vegetation maps assessing the existing vegetation in the Alberta Oil Sands Environmental Research Program study area. The following 1:50 000 NTS maps are available : 74D/6,11,13, and 14; 74E/3,4,5,6, and 12.

These maps are components of a comprehensive report ** titled: **Ecological Habitat Mapping of the AOSERP Study Area Phase 1**, Report No. 31, Project VE 2.3, 1978.

For related information refer to "Forage Inventory Program" on page 127, "Forest Inventory Mapping" on page 129, "Soils Mapping - AOSERP" on page 188, "Surficial Geology Mapping - AOSERP Area" on page 206, and "Phase III Forest Inventory Information Reports" on page 279.

FILE SIZE : 9 map sheets

PROJECT DURATION : 1975-1979

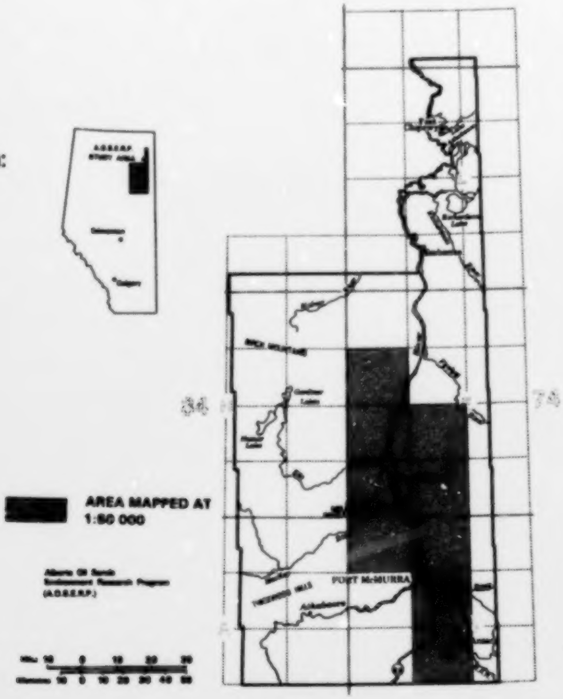
SOURCE : Alberta Environment, Research Management Division, Alberta Oil Sands Environmental Research Program.

LOCATION : Diazo copies are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

Further information may be obtained from:

Publications Officer
Research Management Division
Alberta Environment
14th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-3946


AOSERP STUDY AREA
84
74
FORT McMURRAY
AREA MAPPED AT 1:50 000
Alberta Oil Sands Environmental Research Program (A.O.S.E.R.P.)
Miles 10 0 10 20 30
Kilometres 10 0 10 20 30 40 50

** Report is out of print and available only from select libraries. Contact Publications Officer, Research Management Division, for further information.

VISUAL FLIGHT REGULATIONS (VFR) NAVIGATION CHARTS

DETAILS : The VFR navigational charts were produced to serve the requirements of visual navigation for low-speed short and medium range operations and as a suitable chart for basic pilotage and navigation training. The following data is shown on these color charts:

1. Basic topographic data (elevation, hydrology, cultural features, etc.).
2. Airport diagrams for airports with control towers.
3. Runway types and lengths.
4. Standard and miscellaneous aeronautical information.
5. Aerodrome data.
6. Radio aids to navigation
7. Airspace information

For related information refer to "Alberta 1:1 000 000 Provincial Map Series" on page 88, "Low Level Pilotage Charts" on page 161, "Nautical Charts" on page 168, and "World Aeronautical Charts" on page 211.

FILE SIZE : 15 map sheets

PROJECT DURATION : Circa 1970 -

FREQUENCY OF UPDATE : Periodically

SOURCE : Canada Department of Energy, Mines and Resources, Surveys and Mapping Branch.

LOCATION : Visual navigation charts are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

WILDLIFE KEY AREA MAPS

DETAILS : Wildlife Key Area Maps have been prepared for all of Alberta, with the exception of the following federal lands: Waterton Lakes National Park, Banff National Park, Jasper National Park and Wood Buffalo National Park. The maps, prepared at scales of 1:1 000 000, 1:250 000 and 1:50 000 indicate: known winter ranges for ungulates; production, staging and moulting areas for waterfowl; display grounds for upland birds; nesting sites of colonial nesters; and other miscellaneous wildlife information.

For related information refer to "Fish Resource Maps" on page 124, "Land Capability for Furbearers" on page 146, "Land Capability for Ungulates" on page 149, "Land Capability for Waterfowl" on page 150, "Big Game Reports" on page 225, "Canadian Wildlife Service Manuscripts" on page 227, "Game Bird Reports" on page 240, "Miscellaneous Species Reports" on page 257, "Wildlife Management Series" on page 296, "Compulsory Registration (Wildlife Harvest) Statistics Computer File" on page 315, and "Fish Planting Statistics Manual File" on page 318.

FILE SIZE : 10 maps - 1 000 000 ; 726 maps - 1:50 000 and 48 - 1:250 000

PROJECT DURATION : 1973 -

FREQUENCY OF UPDATE : Annually

SOURCE : Alberta Energy and Natural Resources, Fish and Wildlife Division, Wildlife Management Branch.

LOCATION : 1:250 000 diazo copies are available upon written application to:

Mailing address:

Mr. Al Bibaud
Habitat Protection and Integrated Planning
Fish and Wildlife Division
Alberta Energy and Natural Resources
Main Fl., North Tower, Petroleum Plaza
9345-108th Street
Edmonton, Alberta
T5K 2G6

Office address:

Mr. Al Bibaud
Fish and Wildlife Division
Alberta Energy and Natural Resources
2nd Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6734

Note: Due to the nature of the information, maps are generally available only for resource evaluation and land-use planning purposes. Maps are available for specific projects only and are not distributed in full sets. Applications should state map sheets required and purpose for requesting the Wildlife Key Area information. Diazo copies of the 1:50 000 series are available to departmental staff for internal use only.

WORLD AERONAUTICAL CHARTS

DETAILS : Aeronautical maps have been prepared in a series covering Alberta and all parts of Canada at a scale of 1:1 000 000. Included on the maps are contours, spot elevations, provincial, international and park boundaries, railways, primary and secondary roads, hydrography, cities, towns, villages, oilfields, mines and lookout towers.

For related information refer to "Alberta 1:1 000 000 Provincial Map Series" on page 88, "Low Level Pilotage Charts" on page 161, "Nautical Charts" on page 168, and "Visual Flight Regulations (VFR) Navigation Charts" on page 209.

FILE SIZE : 6 maps

PROJECT DURATION : 1967 -

FREQUENCY OF UPDATE : Periodically

SOURCE : Canada Department of Energy, Mines and Resources, Surveys and Mapping Branch.

LOCATION : Aeronautical maps are available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

REPORTS AND BIBLIOGRAPHIES

AGGREGATE INVENTORY REPORTS - ALBERTA RESEARCH COUNCIL

DETAILS : A series of reports on the distribution of major gravel occurrences in the province. Maps are being produced at 1:50 000 and 1:250 000, with marginal notes. For a listing of these maps refer to "1:50 000 Aggregate Inventory Maps" on page 59 and "1:250 000 Aggregate Inventory Maps" on page 63.

For additional related information refer to "Aggregate Resource Evaluation Reports" on page 217, and "Alberta Research Council Earth Sciences Reports" on page 221.

FILE SIZE : 9 reports

PROJECT DURATION : 1976

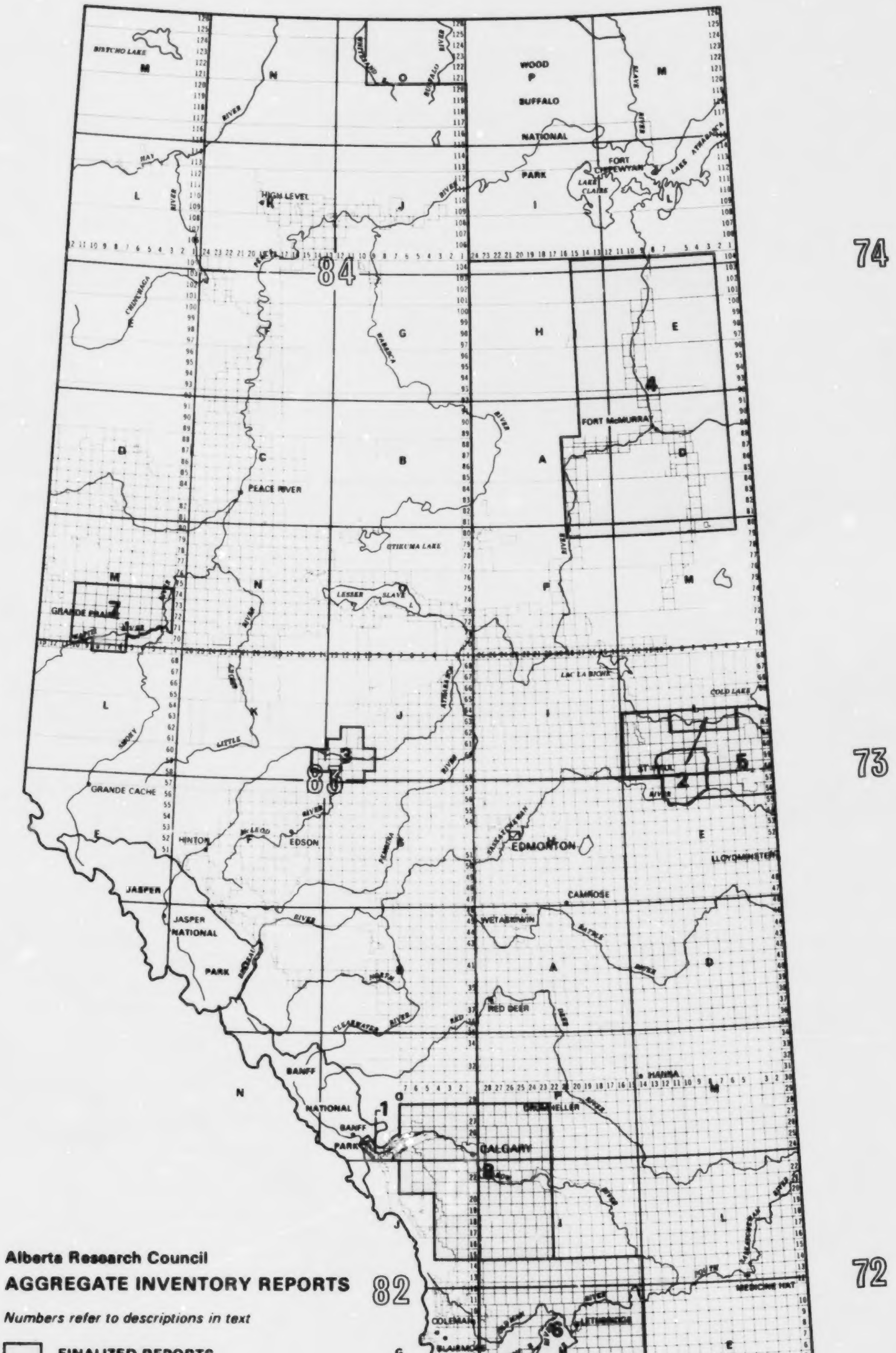
FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Research Council, Alberta Geological Survey.

LOCATION : Reports may be purchased from:

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

Number on Index Map	Description
1.	Sand and Gravel Resources in the Canmore Corridor Area; W.A.D. Edwards, 1979. Earth Sciences Report 79-2. (NTS 83C)
2.	Sand and Gravel Resources of the St. Paul and Bonnyville Areas; W.A.D. Edwards, 1980. Open File Report 1980-3. (NTS 73E,L)
3.	Sand and Gravel Resources of the Whitecourt Area; B.N. Peterson, 1980. Open File Report 1980-4. (NTS 83J,K)
4.	a. Sand and Gravel Resources of the Athabasca Oil Sands Region, Northeastern Alberta; Phase I - Proposed Townsite Area; I. Shetson, 1980. Open File Report 1980-6. b. Sand and Gravel Resources of the Athabasca Oil Sands Region, Northeastern Alberta; Phase II - Regional Aggregate Study; J.C. Fox, 1980. Open File Report 1980-7. (NTS 73M; 74D,E,L; 83P; 84A,H,I).
5.	Sand and Gravel Resources of the Cold Lake Region; W.A.D. Edwards and J.C. Fox, 1980. Open File Report 1980-8. (NTS 73E,L).
6.	Sand and Gravel Resources of the Lethbridge Region; I. Shetsen, 1982. Earth Sciences Report 81-4 (6 Maps). (NTS 82H,I)
7.	Sand and Gravel Resources of the Grande Prairie Region; B.M. Peterson, 1980. Open File Report 1980-9. (NTS 83L,M)
8.	Sand and Gravel Resources of the Calgary Region; I. Shetsen, 1980. Open File Report 1981-8. (NTS 82I,J,O,P).



Alberta Research Council

AGGREGATE INVENTORY REPORTS

Numbers refer to descriptions in text

☐ **FINALIZED REPORTS**

74
73
72
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82
BISTCHO LAKE
WOOD BUFFALO NATIONAL PARK
FORT CHIPEWYAN
LAKE CLAIRE
LAKE ATHABASCA
HIGH LEVEL
FORT McMURRAY
PEACE RIVER
UTIKUMA LAKE
LESSER SLAVE L
GRANDE PRAIRIE
LAC LA BICHE
COLD LAKE
ST PAUL
GRANDE CACHE
HINTON
EDSON
EDMONTON
LLOYDMINSTER
CAMROSE
WETASKIWIN
JASPER
JASPER NATIONAL PARK
RED DEER
HANNA
DRUMHELLER
BANFF NATIONAL PARK
BANFF
CALGARY
MEDICINE HAT
LETHBRIDGE
COLEMAN
BLAIRMORE
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AGGREGATE RESOURCE EVALUATION REPORTS

DETAILS : A series of reports on the economic geology of aggregate resources in the province. Maps are being produced at 1:50 000 and 1:250 000.

For related information refer to "1:50 000 Aggregate Inventory Maps" on page 59, "1:250 000 Aggregate Inventory Maps" on page 63, "Aggregate Inventory Reports - Alberta Research Council" on page 215 and "Alberta Research Council Earth Sciences Reports" on page 221.

FILE SIZE : 2 reports

PROJECT DURATION : 1982-

FREQUENCY OF UPDATE : Annually

SOURCE : Alberta Research Council, Alberta Geological Survey.

LOCATION : Copies of the report are available from:

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

AIRPORT STUDIES

DETAILS : A collection of environmental engineering reports have been prepared for the following airports in Alberta: Fort McMurray, Villeneuve, Grande Prairie, and Edmonton International Airport.

For related information refer to "Alberta 1:250 000 Provincial Access Series" on page 85, and "Environmental Effects of Residential Development in Leduc/International Airport Area" on page 232.

FILE SIZE : 7 reports

PROJECT DURATION : 1975-

SOURCE : Transport Canada, Construction Services Branch.

LOCATION : Reports are available for viewing at:

Engineering Architecture Library
Transport Canada
7th Fl., Federal Public Building
9820-107th Street
Edmonton, Alberta
T5K 1G3 (403) 420-3908

ALBERTA ENVIRONMENTAL CENTRE REPORTS

DETAILS : These reports are produced by the Alberta Environmental Centre in Vegreville for various departments and agencies of the Alberta Government. Reports are produced in four broad areas: Plant Sciences, Chemistry, Animal Sciences, and Environmental Technology. They include research reports, bibliographies, proceedings, and agricultural extension materials falling within seven Program Areas:

1. Analytical, Diagnostic, Extension and Technical Services.
2. Pest Management Research and Development.
3. Water/Waste water Research and Development.
4. Living Natural Resources.
5. Waste Management Research and Development.
6. Land Resources Management Research and Development.

For related information refer to "Alberta Roads : Environmental Design Guidelines" on page 224, "Environmental Effects of Forestry Operations in Alberta" on page 231, "Environmental Effects of Residential Development in Leduc/International Airport Area" on page 232, "Environmental Effects of Sulphur Extraction Gas Plants in Alberta" on page 232, "Environmental Impact Assessment and Information Documents" on page 233, "Environmental Impact of Surface Mining in Alberta" on page 234, "Environmental Research and Development Reports" on page 235, "Management and Disposal of Hazardous Waste in Alberta" on page 255, "Municipal Drinking Water Quality and Quantity" on page 259, "Pollution Report Series" on page 280, "Project Location Reports (Roads)" on page 280, "Syncrude Environmental Research Monographs" on page 292, "The Use of Pesticides and Herbicides in Alberta" on page 294, "Industrial Stack Emission Records File" on page 323, "Lake Water Quality Surveys Computer File" on page 326, "Routine Water Quality Monitoring of Major River Systems in Alberta Computer File" on page 355, "Rural Air Quality Monitoring Computer File" on page 356, and "Urban Air Quality Monitoring Computer File" on page 368.

FILE SIZE : 20 reports

PROJECT DURATION : 1980-

FREQUENCY OF UPDATE : Continuous

SOURCE : Alberta Environment, Alberta Environmental Centre.

LOCATION : Information on availability of reports may be obtained from:

Communications Section
Alberta Environmental Centre
Bag 4000
Vegreville, Alberta
T0B 4L0 (403) 632-6761

ALBERTA LAND USE FORUM

DETAILS : A series of submissions containing the proceedings of public hearings, briefs submitted through public participation programs, supplemental submissions, and technical and summary reports on land-use in Alberta.

Submissions are available for Calgary, Edmonton, Medicine Hat, Lethbridge, Red Deer, Hanna, Wainwright, St. Paul, Fort McMurray, Athabasca, Edson, Peace River, High Level, High Prairie and Grande Prairie.

For related information refer to "Land Ownership Map Series" on page 158, "Land Registry Maps" on page 159, "Land Use and Zoning Maps" on page 160, "Metallic Minerals Disposition Maps" on page 162, "Present Land Use Map" on page 173, "Land Conservation and Reclamation" on page 251, "Land Use and Resource Development in the Eastern Slopes" on page 253, and "Alberta Township System Records" on page 305.

FILE SIZE : 37 reports

PROJECT DURATION : 1974-1975

SOURCE : Alberta Energy and Natural Resources, Alberta Land Use Forum.

LOCATION : Land-use reports are available for viewing at:

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

ALBERTA RESEARCH COUNCIL ATMOSPHERIC SCIENCES REPORTS

DETAILS : A series of reports pertaining to meteorological studies, evaluations and research. The majority of the reports deal with the Alberta Hail Studies Program.

For related information refer to "Hail Rate Map" on page 133, "Precipitation Over Alberta" on page 172, "Meteorological Analysis Reports" on page 257, "Alberta Environment Real Time Hydrometeorological Network Computer File" on page 300, "Alberta Hail Project Records Computer File" on page 302, "Climate Inventory and Appraisal Records Computer File" on page 309, "Climatological Records Computer File" on page 311, "Forest Station Weather Records Computer File" on page 322, "Sacramento Precipitation Storage Gauge Network Computer File" on page 357, "Snow Course Data Computer File" on page 362, and "Weather Radar Data Computer File" on page 374.

FILE SIZE : 20 reports

PROJECT DURATION : 1969-

SOURCE : Alberta Research Council, Natural Resources Division, Atmospheric Sciences Department.

LOCATION : Many of the Alberta Research Council Atmospheric Sciences Reports are out of print; some of these may be obtained in microfiche format, but all can be photocopied. Reports are available for viewing at:

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

For a listing of Atmospheric Science Reports, consult the current **Alberta Research Council List of Publications**, available from the above address.

ALBERTA RESEARCH COUNCIL BULLETINS

DETAILS : A series of bulletins by the Alberta Research Council dealing with geology, groundwater geology, and hydrology, mineralogy, glaciation and aerial photography.

For related information refer to "Bedrock Geology - Geological Survey of Canada" on page 95, "Bedrock Geology - Alberta Research Council" on page 104, "Bedrock Topography - Alberta Research Council" on page 108, "Surficial Geology - Alberta Research Council" on page 196, "Surficial Geology - Geological Survey of Canada" on page 202, "Surficial Geology and Erosion Potential, Foothills of Alberta" on page 205, "Surficial Geology Mapping - AOSERP Area" on page 206, "Alberta Research Council Earth Sciences Reports" on page 221, "Alberta Research Council Open File Reports" on page 223, "Geological Survey of Canada Publications" on page 241, "Aerial Photography" on page 298, "Mineral Exploration Sample Storage Manual File" on page 328, "Satellite Imagery" on page 358, and "Urban Geology Manual File" on page 369.

FILE SIZE : 45 reports

PROJECT DURATION : 1958-

SOURCE : Alberta Research Council.

LOCATION : Many of the Alberta Research Council Bulletins are out of print; some of these may be obtained in microfiche format, but all can be photocopied. Bulletins are available for viewing at:

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

For a listing of Atmospheric Science Reports, consult the current **Alberta Research Council List of Publications**, available from the above address.

ALBERTA RESEARCH COUNCIL EARTH SCIENCES REPORTS

DETAILS : A series of reports (Earth Sciences; Economic Geology) and notes (Earth Sciences; Natural Resources) which deal with topics such as aggregates, aquifers, clay, coal, glacial geology, groundwater, hydrogeology and minerals.

For related information refer to "Bedrock Geology - Geological Survey of Canada" on page 95, "Bedrock Geology - Alberta Research Council" on page 104, "Bedrock Topography - Alberta Research Council" on page 108, "Surficial Geology - Alberta Research Council" on page 196, "Surficial Geology - Geological Survey of Canada" on page 202, "Surficial Geology and Erosion Potential, Foothills of Alberta" on page 205, "Surficial Geology Mapping - AOSERP Area" on page 206, "Alberta Research Council Bulletins" on page 220, "Alberta Research Council Open File Reports" on page 223, "Geological Survey of Canada Publications" on page 241, "Clays and Shales Manual File" on page 308, "Mineral Exploration Sample Storage Manual File" on page 328, and "Urban Geology Manual File" on page 369.

FILE SIZE : 133 reports

PROJECT DURATION : 1955-

SOURCE : Alberta Research Council.

LOCATION : Many of the Alberta Research Council Earth Sciences Reports are out of print; some of these may be obtained in microfiche format, but all can be photocopied. Reports are available for viewing at:

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

For a listing of Atmospheric Science Reports, consult the current **Alberta Research Council List of Publications**, available from the above address.

ALBERTA RESEARCH COUNCIL INFORMATION SERIES

DETAILS : A series of information reports by the Alberta Research Council dealing with gasoline surveys, conventional and alternative energy sources, mineral and groundwater evaluations, state-of-the-art reviews, laboratory tests, and symposium and conference proceedings.

For related information refer to "East Central Alberta Regional Groundwater Resource Inventory" on page 111, "Energy Resources Conservation Board (ERCB) Maps" on page 117, "Hydrogeology, Miscellaneous Groundwater Geology and Related Maps" on page 134, "Hydrogeological Reconnaissance Map Series" on page 137, "Alberta Research Council Bulletins" on page 220, "Alberta Research Council Earth Sciences Reports" on page 221, "Groundwater Reports and Bibliography" on page 244, "Energy Resources Conservation Board (ERCB) Computer Files" on page 317, "Mineral Exploration Sample Storage Manual File" on page 328, and "Solar and Wind Energy Research Program (SWERP) Manual File" on page 364.

FILE SIZE : 103 reports

PROJECT DURATION : 1949-1984

SOURCE : Alberta Research Council.

LOCATION : Many of the Alberta Research Council Information Series papers are out of print, some of these may be obtained in microfiche format, but all may be photocopied. Papers are available for viewing at:

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

For a listing of Atmospheric Science Reports, consult the current **Alberta Research Council List of Publications**, available from the above address.

ALBERTA RESEARCH COUNCIL OPEN FILE REPORTS

DETAILS : Open File Reports comprise manuscripts that are unpublished for various reasons, including some that subsequently will appear in formal Alberta Research Council publications. The nature of these reports vary from groundwater assessments to mineral resources, climatology, geology, pedology, and ice studies.

For related information refer to "Hydrogeology, Miscellaneous Groundwater Geology and Related Maps" on page 134, "Hydrogeological Reconnaissance Map Series" on page 137, "Alberta Research Council Bulletins" on page 220, "Alberta Research Council Earth Sciences Reports" on page 221, "Alberta Research Council Information Series" on page 222, "Meteorological Analysis Reports" on page 257, "Bentonites and Limestones Manual File" on page 307, "Forest Station Weather Records Computer File" on page 322, "Sacramento Precipitation Storage Gauge Network Computer File" on page 357, "Snow Course Data Computer File" on page 362, "Upper Air Observation Computer File" on page 368, "Urban Geology Manual File" on page 369, "Soil Data Computer File (Cansis)" on page 363, and "Weather Radar Data Computer File" on page 374.

FILE SIZE : 276 reports

PROJECT DURATION : 1942-

SOURCE : Alberta Research Council.

LOCATION : Since these reports are unpublished, **only one copy** of each is on file. Photocopies may be made of these reports which are available for viewing at:

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

For a listing of Atmospheric Science Reports, consult the current **Alberta Research Council List of Publications**, available from the above address.

ALBERTA ROADS : ENVIRONMENTAL DESIGN GUIDELINES

DETAILS : This set of guidelines identifies methods for harmonious integration of roadways with the natural landscapes and dynamic ecosystems found in Alberta.

For further information refer to "Environmental Impact Assessment and Information Documents" on page 233, "Environmental Research and Development Reports" on page 235, "Project Location Reports (Roads)" on page 280, "Regional and Rural Planning Programs" on page 282, "Syncrude Environmental Research Monographs" on page 292, and "Visual Design Workbook" on page 294.

FILE SIZE : 1 report

PROJECT DURATION : N/A

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Transportation.

LOCATION : Copies are available at:

Transportation Library
Main Fl., Atria Bldg.
4999-98th Avenue
Edmonton, Alberta
T6B 2X3 (403) 427-8802
or (403) 427-8803

ARCHAEOLOGICAL SURVEY OF ALBERTA : OCCASIONAL PAPERS

DETAILS : A series of occasional papers designed to allow the rapid dissemination of information resulting from the programs of the Archaeological Survey of Alberta, Alberta Culture.

For related information refer to "Alberta 1:1 000 000 Provincial Map Series" on page 88, "Conservation of Historical and Archaeological Resources in Alberta" on page 230, and "Archaeological Site Inventory Manual File" on page 306.

FILE SIZE : 23 reports

SOURCE : Alberta Culture, Archaeological Survey of Alberta.

LOCATION : Occasional papers are available at:

Archaeological Survey of Alberta
Alberta Culture
Old St. Stephen's College
8820-112th Street
Edmonton, Alberta
T6G 2P8 (403) 427-2355

A publications list is available from the above address.

ARCTIC GAS BIOLOGICAL REPORT SERIES

DETAILS : A series of consultant project reports presenting data based upon field and laboratory studies for the proposed Arctic gas pipeline route.

For related information refer to "Energy Resources Conservation Board (ERCB) Maps" on page 117, "Alberta Research Council Information Series" on page 222, "Alberta Roads : Environmental Design Guidelines" on page 224, "Environmental Impact Assessment and Information Documents" on page 233, "Environmental Research and Development Reports" on page 235, and "Energy Resources Conservation Board (ERCB) Computer Files" on page 317.

FILE SIZE : 5 reports

PROJECT DURATION : 1973-1977

SOURCE : Arctic Gas.

LOCATION : Reports may be viewed at:

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

BIG GAME REPORTS

DETAILS : This collection of internal reports deals with population inventories, status, diseases, parisites, crop depredation and hunter surveys of various big game species.

For related information refer to "Land Capability for Furbearers" on page 146, "Land Capability for Ungulates" on page 149, "Wildlife Key Area Maps" on page 210, "Canadian Wildlife Service Manuscripts" on page 227, "Miscellaneous Species Reports" on page 257, "Occasional Papers (Wildlife) Series" on page 278, "Wildlife Management Series" on page 296, and "Compulsory Registration (Wildlife Harvest) Statistics Computer File" on page 315.

FILE SIZE : 650 + reports

PROJECT DURATION : 1949-

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Energy and Natural Resources, Fish and Wildlife Division, Wildlife Management Branch.

LOCATION : Because of the nature of the information, access is restricted to government personnel on request or for viewing only by consultants, oil companies, etc. upon written request on company letterhead. Material must be reviewed within the Fish and Wildlife office. Requests, indication need, should be directed to:

Wildlife Management Branch
Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4   (403) 427-6750

BIOPHYSICAL RIVER VALLEY STUDIES

DETAILS : Biophysical river valley studies have been conducted along the North Saskatchewan River in an attempt to obtain a biophysical data base. This data base will allow for systematic and comprehensive planning while considering the environmental capabilities of the river valley and associated ravines. Physical, biological, cultural and scenic resources are inventoried. Refer to "River Valley Resource Analysis" on page 290 for a more detailed inventory.

For related information refer to "Ecological (Biophysical) Land Classification of Banff and Jasper National Parks" on page 113, "Land Classification Studies - Ecological" on page 152, "Special Geomorphic Landform Maps" on page 194, and "River Channel Studies" on page 289.

FILE SIZE : 2 reports

PROJECT DURATION : 1980-

FREQUENCY OF UPDATE : N/A

SOURCE : City of Edmonton, Department of Parks and Recreation.

LOCATION : Executive summaries are available from:

EDMONTON
CALGARY

Capital Planning Section
Parks and Recreation Department
City of Edmonton
9th Fl., CN Tower
10004-104th Avenue
Edmonton, Alberta
T5K 0K1   (403) 428-3544

Final reports may be viewed at the above location.

CANADIAN WILDLIFE SERVICE MANUSCRIPTS

DETAILS : A series of reports prepared on behalf of or by the Canadian Wildlife Service on various aspects of wildlife in Alberta.

For related information refer to "Fish Resource Maps on page 124, "Land Capability - Sport Fish" on page 148, "Land Capability for Ungulates" on page 149, "Land Capability for Waterfowl" on page 150, "Land Capability for Furbearers" on page 146, "Wildlife Key Area Maps" on page 210, "Big Game Reports" on page 225, "Conservation Unit Guides" on page 230, "Game Bird Reports" on page 240, "Habitat Development Report Series" on page 245, "Management Report Series (Fish)" on page 256, "Miscellaneous Species Reports" on page 257, "Occasional Papers (Wildlife) Series" on page 278, "Research Report Series (Fish)" on page 283, "Survey Report Series (Water Bodies)" on page 291, "Wildlife Management Series" on page 296, "Commercial Fish Catch Statistics Manual File" on page 314, "Compulsory Registration (Wildlife Harvest) Statistics Computer File" on page 315, and "Fish Planting Statistics Manual File" on page 318.

PROJECT DURATION : 1970-

SOURCE : Environment Canada, Canadian Wildlife Service.

LOCATION : Manuscripts are available on microfiche from:

Canadian Wildlife Service
Report Repository Library
Environment Canada
Ottawa, Ontario
K1A 0E7 (613) 997-1271

Manuscripts may be viewed at:

Canadian Wildlife Service Library
Western and Northern Region
Environment Canada
10th Fl., 9942-108th Street
Edmonton, Alberta
T5K 2J5 (403) 420-2525

CANOE ALBERTA : A GUIDE TO ALBERTA S RIVERS

DETAILS : A series of six booklets (4th edition, 1978) outlining canoeing tours for various rivers in Alberta. Reach[47] reports indicate duration of tour, total distance, average gradient, classification, start, finish, access points, and maps required. A hydrograph for individual rivers is also provided. Reach reports have been prepared for the following rivers:[48]

1. Hay, Peace, and Slave River Systems
2. Athabasca River System
3. North Saskatchewan River System and the Alberta Headwaters of the Churchill River System
4. Red Deer River System
5. South Saskatchewan River System

For related information refer to "Land Capability for Outdoor Recreation" on page 147, "Water Resources Development Studies" on page 295, and "Routine Water Quality Monitoring of Major River Systems in Alberta Computer File" on page 355.

FILE SIZE : 6 reports

PROJECT DURATION : 1972-

FREQUENCY OF UPDATE : Periodically

SOURCE : Alberta Canoe Association in cooperation Travel Alberta.

LOCATION : Copies of the maps and reports may be viewed at:

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

The **Canoe Alberta** map gives information for paddling the rivers of Alberta. It has been designed to be used in conjunction with **Canoe Alberta: A Guide to Alberta's Rivers** (4th edition, 1978). The guide consists of six booklets and may be obtained as a complete set for **$10.00** per set from (currently out of print):

Publication Services
Public Affairs Bureau
11510 Kingsway Avenue
Edmonton, Alberta
T5G 2Y5 (403) 427-4952

Only general indications of paddling conditions can be provided at this map scale. More detailed information is presented in the reach reports in the guide.

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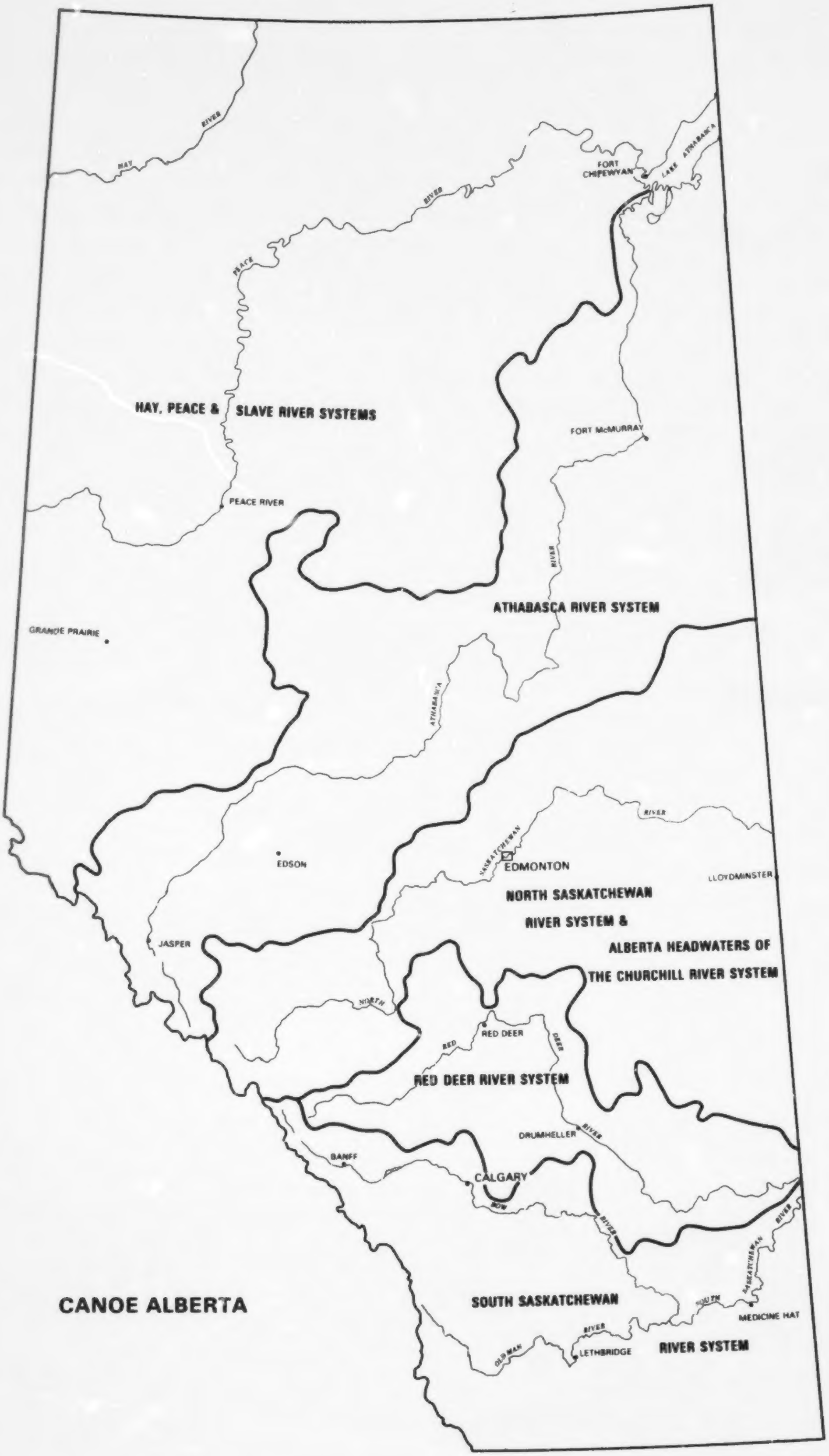
[47] **Reach** is a term used to indicate a part of a river between bends.

[48] Reports are currently out of print, however a proposal has been submitted to update and re-print the document.



CANOE ALBERTA

HAY RIVER
FORT CHIPEWYAN
LAKE ATHABASCA
PEACE RIVER
HAY, PEACE & SLAVE RIVER SYSTEMS
FORT McMURRAY
PEACE RIVER
RIVER
ATHABASCA RIVER SYSTEM
GRANDE PRAIRIE
ATHABASCA
EDSON
SASKATCHEWAN
RIVER
EDMONTON
LLOYDMINSTER
NORTH SASKATCHEWAN
RIVER SYSTEM &
ALBERTA HEADWATERS OF
THE CHURCHILL RIVER SYSTEM
JASPER
NORTH
RED
RED DEER
DEER
RED DEER RIVER SYSTEM
DRUMHELLER
RIVER
BANFF
CALGARY
BOW
RIVER
SOUTH SASKATCHEWAN
RIVER
SOUTH
SASKATCHEWAN
RIVER
MEDICINE HAT
OLD MAN
LETHBRIDGE
RIVER SYSTEM

CONSERVATION OF HISTORICAL AND ARCHAEOLOGICAL RESOURCES IN ALBERTA

DETAILS : A series of information bulletins, proceedings, reports and recommendations on the conservation of historical and archaeological resources in Alberta.

For related information refer to "Archaeological Survey of Alberta : Occasional Papers" on page 224, and "Archaeological Site Inventory Manual File" on page 306.

FILE SIZE : 6 reports

PROJECT DURATION : 1972-

SOURCE : Environment Council of Alberta.

LOCATION : Information bulletins, proceeding, reports and recommendations may be viewed at:

Library
Environment Council of Alberta
8th Fl., Weber Centre
5555-Calgary Trail South
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

CONSERVATION UNIT GUIDES

DETAILS : A series of manuscripts prepared as guides for the planning of multiple use wildland management of forest reserves. Guides are available for the following areas: Castle Conservation Unit C-3; Red Deer Conservation Unit B-7,8,9 and 10; Kananaskis-Highwood Conservation Unit B-2; Clearwater Conservation Unit R-9; Ram Conservation Unit R-8; Prairie Creek Conservation Unit R-7; Ghost Conservation Unit R-3,4 and 5; Upper Saskatchewan Conservation Unit R-6; Lower Saskatchewan Conservation Unit R-5; Blackstone Conservation Unit R-3; and Nordegg-Baptiste Conservation Unit R-2.

Included with each guide are: watershed inventories, analysis of the physical characteristics of the unit, an outline of land-use zones, problems within the zones, sources of damage, and conditions to be obtained through responsible management practices.

For related information refer to "Resource Impact Assessment Overlay Program" on page 182, "Alberta Land Use Forum" on page 219, "Environmental Effects of Forestry Operations in Alberta" on page 231, "Environmental Effects of Residential Development in Leduc/International Airport Area" on page 232, "Environmental Effects of Sulphur Extraction Gas Plants in Alberta" on page 232, "Environmental Impact Assessment and Information Documents" on page 233, "Environmental Impact of Surface Mining in Alberta" on page 234, "Environmental Research and Development Reports" on page 235, and "Land Conservation and Reclamation" on page 251.

FILE SIZE : 11 guides

PROJECT DURATION : 1963-1971

SOURCE : Eastern Rockies Forest Conservation Board.

LOCATION : Manuscripts may be viewed at:

Library
Environment Council of Alberta
8th Fl., Weber Centre
5555-Calgary Trail South
Edmonton, Alberta
T6H 5P9 (403) 427-5811

ENVIRONMENTAL EFFECTS OF FORESTRY OPERATIONS IN ALBERTA

DETAILS : A collection of information bulletins, reports and recommendations on the environmental effects of forestry operations in Alberta.

For related information refer to "Resource Impact Assessment Overlay Program" on page 182, "Alberta Land Use Forum" on page 219, "Conservation Unit Guides" on page 230, "Environmental Effects of Residential Development in Leduc/International Airport Area" on page 232, "Environmental Effects of Sulphur Extraction Gas Plants in Alberta" on page 232, "Environmental Impact Assessment and Information Documents" on page 233, "Environmental Impact of Surface Mining in Alberta" on page 234, and "Environmental Research and Development Reports" on page 235.

FILE SIZE : 11 reports

PROJECT DURATION : 1977-1979

SOURCE : Environment Council of Alberta.

LOCATION : Copies are available at:

Library
Environment Council of Alberta
8th Fl., Weber Centre
5555-Calgary Trail South
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

ENVIRONMENTAL EFFECTS OF RESIDENTIAL DEVELOPMENT IN LEDUC/INTERNATIONAL AIRPORT AREA

DETAILS : A collection of information bulletins, reports and recommendations on the environmental effects of residential development in the Leduc/ International Airport Area.

For related information refer to "Airport Studies" on page 217, "Alberta Environmental Centre Reports" on page 218, "Alberta Roads : Environmental Design Guidelines" on page 224, "Conservation Unit Guides" on page 230, "Environmental Effects of Forestry Operations in Alberta" on page 231, "Environmental Effects of Sulphur Extraction Gas Plants in Alberta", "Environmental Impact Assessment and Information Documents" on page 233, "Environmental Impact of Surface Mining in Alberta" on page 234, and "Environmental Research and Development Reports" on page 235.

FILE SIZE : 3 reports

PROJECT DURATION : 1975

SOURCE : Environmnent Council of Alberta.

LOCATION : Copies are available at:

Library
Environment Council of Alberta
8th Fl., Weber Centre
5555-Calgary Trail South
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

ENVIRONMENTAL EFFECTS OF SULPHUR EXTRACTION GAS PLANTS IN ALBERTA

DETAILS : A collection of information bulletins, proceedings, reports, and recommendations on the environmental effects of the operation of sulphur extraction gas plants in Alberta. Proceedings are available for Pincher Creek, Red Deer, Whitecourt, Calgary and Edmonton.

For related information refer to "Alberta Environmental Centre Reports" on page 218, "Alberta Roads : Environmental Design Guidelines" on page 224, "Conservation Unit Guides" on page 230, "Resource Impact Assessment Overlay Program" on page 182, "Environmental Effects of Forestry Operations in Alberta" on page 231, "Environmental Effects of Residential Development in Leduc/International Airport Area", "Environmental Impact Assessment and Information Documents" on page 233, "Environmental Impact of Surface Mining in Alberta" on page 234, "Environmental Research and Development Reports" on page 235, "Syncrude Environmental Research Monographs" on page 292, and "Wildlife Management Series" on page 296.

FILE SIZE : 6 reports

PROJECT DURATION : 1972-1973

SOURCE : Environment Council of Alberta.

LOCATION : Information bulletins, proceedings, reports, and recommendations may be viewed at:

Library
Environment Council of Alberta
8th Fl., Weber Centre
5555-Calgary Trail South
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

ENVIRONMENTAL IMPACT ASSESSMENT AND INFORMATION DOCUMENTS

DETAILS : A series of environmental impact assessments and information documents reviewed under the Alberta Environmental Impact Assessment System are available for viewing. Projects vary from intensive land use disturbances to impoundment, linear and extractive disturbances.

For related information refer to "Conservation Unit Guides" on page 230, "Resource Impact Assessment Overlay Program" on page 182, "Environmental Effects of Forestry Operations in Alberta" on page 231, "Environmental Effects of Residential Development in Leduc/International Airport Area" on page 232, "Environmental Effects of Sulphur Extraction Gas Plants in Alberta" on page 232, "Environmental Impact of Surface Mining in Alberta" on page 234, and "Environmental Research and Development Reports" on page 235.

FILE SIZE : N/A

PROJECT DURATION : 1972-

SOURCE : Varies with proponent.

LOCATION : For a listing of completed environmental impact assessments and information documents reviewed under the Alberta Environmental Impact Assessment System contact:

Environmental Impact Assessment Review Branch
Environmental Assessment Division
Alberta Environment
11th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6224

Documents are available for viewing at:

Alberta Environment Library
14th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5870

ENVIRONMENTAL IMPACT OF SURFACE MINING IN ALBERTA

DETAILS : A series of information bulletins, proceedings, reports and recommendations on environmental impact of surface mining in Alberta.

For related information refer to "Resource Impact Assessment Overlay Program" on page 182, "Conservation Unit Guides" on page 230, "Environmental Effects of Forestry Operations in Alberta" on page 231, "Environmental Effects of Residential Development in Leduc/International Airport Area" on page 232, "Environmental Effects of Sulphur Extraction Gas Plants in Alberta" on page 232, "Environmental Impact Assessment and Information Documents" on page 233, and "Environmental Research and Development Reports" on page 235.

FILE SIZE : 6 reports

PROJECT DURATION : 1971-1972

SOURCE : Environment Council of Alberta.

LOCATION : Information bulletins, proceedings, reports and recommendations may be viewed at:

Library
Environment Council of Alberta
8th Fl., Weber Centre
5555-Calgary Trail South
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

ENVIRONMENTAL RESEARCH AND DEVELOPMENT REPORTS

DETAILS : This series of reports, dealing with the terrestrial, aquatic, air and human components of the environment, are related to the Alberta Oil Sands Environmental Research Program (AOSERP) study area and to other areas of the province. Within each of the four components, one or more of the following topic areas may be covered:

1. Acid precipitation
2. Air quality
3. Bibliographies
4. Biological monitoring
5. Computer modelling
6. Ecosystem inventories
7. Energy systems
8. Environmental assessment
9. Environmental attitudes
10. Environmental contaminants
11. Environmental education
12. Environmental health
13. Groundwater
14. Ground deformation
15. Human biophysical relationships
16. Pollution effects on terrestrial and equatic ecosystems
17. Reclamation
18. Research management, policy and implementation
19. Social impact assessment
20. Surface water engineering
21. Waste management
22. Water quality

For related information refer to "Ecological (Biophysical) Land Classification of Banff and Jasper National Parks" on page 113, "Land Classification Studies - Ecological" on page 152, "Resource Impact Assessment Overlay Program" on page 182, "Alberta Roads : Environmental Design Guidelines" on page 224, "Conservation Unit Guides" on page 230, "Environmental Effects of Forestry Operations in Alberta" on page 231, "Environmental Effects of Residential Development in Leduc/International Airport Area" on page 232, "Environmental Effects of Sulphur Extraction Gas Plants in Alberta" on page 232, "Environmental Impact Assessment and Information Documents" on page 233, "Environmental Impact of Surface Mining in Alberta" on page 234, and "Erosion of Land in Northwestern Alberta" on page 236.

FILE SIZE : 381 reports

PROJECT DURATION : 1975-

FREQUENCY OF UPDATE : N/A

SOURCE : Various, but contracted under the Research Management Division, Alberta Environment.

LOCATION : Information may be viewed at:

Alberta Environment Library
14th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5870

or through the:

Publications Officer
Research Management Division
Alberta Environment
14th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-3946

EDMONTON
CALGARY

A bibliography is available through the Publications Officer.

EROSION OF LAND IN NORTHWESTERN ALBERTA

DETAILS : A collection of information bulletins, reports and recommendations on the erosion of land in the Swan Hills-Peace River region of northwestern Alberta.

For related information refer to "Land Classification Studies - Physical" on page 155, "Exploratory Soil Survey Series" on page 122, "Reconnaissance Soil Survey Map Series" on page 178, "Soil Surveys of National and Provincial Parks and Areas Assessed for Parks Planning" on page 183, "Soil Survey of Urban Areas and Areas Adjacent to Urban Centres" on page 189, "Solonetzic Soils of Alberta" on page 192, "Special Geomorphic Landform Maps" on page 194, "Surficial Geology and Erosion Potential, Foothills of Alberta" on page 205, and "Environmental Research and Development Reports" on page 235.

FILE SIZE : 6 reports

PROJECT DURATION : 1975-1976

SOURCE : Environment Council of Alberta.

LOCATION : Copies are available at:

Library
Environment Council of Alberta
8th Fl., Weber Centre
5555-Calgary Trail South
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

FLOOD CONTROL AND WATER MANAGEMENT IN THE PADDLE RIVER BASIN

DETAILS : A series of information bulletins, proceedings, reports and recommendations on flood control and water management in the Paddle River Basin.

For related information refer to "Flood Plain Studies" on page 237, "Flow Regulation of the Red Deer River" on page 240, "Management of Water Resources Within the Oldman River Basin" on page 255, "Peace-Athabasca Delta Project Studies" on page 278, and "Surface Water Data - Alberta (Manual File)" on page 366.

FILE SIZE : 5 reports

PROJECT DURATION : 1974-1975

SOURCE : Environment Council of Alberta.

LOCATION : Information bulletins, proceedings, reports and recommendations may be viewed at:

Library
Environment Council of Alberta
8th Fl., Weber Centre
5555-Calgary Trail South
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

FLOOD PLAIN STUDIES

DETAILS : For each numbered community below, a report has been compiled which documents historical flooding and hydrology and provides a detailed flood plain analysis.

(D - Deferred)
(M - Map Only)
(O - Outdated)
(P - Pending)
(U - Updated)

1. Cardston - Lee Creek (O)
2. Westcastle River near Pincher Creek
3. Coleman, Blairmore, Frank - Crowsnest River
4. Pincher Creek - Pincher Creek
5. Lethbridge - Oldman River (P,U)
6. Medicine Hat - South Saskatchewan (P)
7. High River - Highwood River
8. Okotoks - Sheep River (P)
9. Black Diamond/Turner Valley - Sheep River
10. Calgary - Elbow River (U)
11. Calgary - Nose Creek Basin (U)
12. Calgary - Bow River (U)
13. Airdrie - Nose Creek
14. Cochrane - Bow River
15. Bragg Creek - Elbow River
16. Banff - Bow River
17. Drumheller - Red Deer River (U)
18. Carbon - Kneehills Creek (O)
19. Sundre - Red Deer River/Bearberry Creek
20. Red Deer - Waskasoo Creek
21. Waskasoo Creek at Penhold
22. Ponoka - Battle River
23. Cadomin - McLeod River (M)
24. Vegreville - Vermilion River (U)
25. Blackmud Creek near Edmonton
26. Edmonton - North Saskatchewan (O,P)
27. St. Albert - Sturgeon River
28. Sangudo - Pembina River
29. Whitecourt - Athabasca River
30. Athabasca - Athabasca River
31. Slave Lake - Sawridge Creek
32. Peace River - Peace River
33. Fort McMurray - Athabasca River (O)
34. Fort McMurray - Clearwater River (M)
35. Manning - Notikewin River
36. Fort Vermilion - Peace River (D)

For related information refer to "Flood Control and Water Management in the Paddle River Basin" on page 236, "Flow Regulation of the Red Deer River" on page 240, "Management of Water Resources Within the Oldman River Basin" on page 255, "Peace-Athabasca Delta Project Studies" on page 278, and "Surface Water Data - Alberta (Manual File)" on page 366.

FILE SIZE : 33 studies

PROJECT DURATION : 1965-

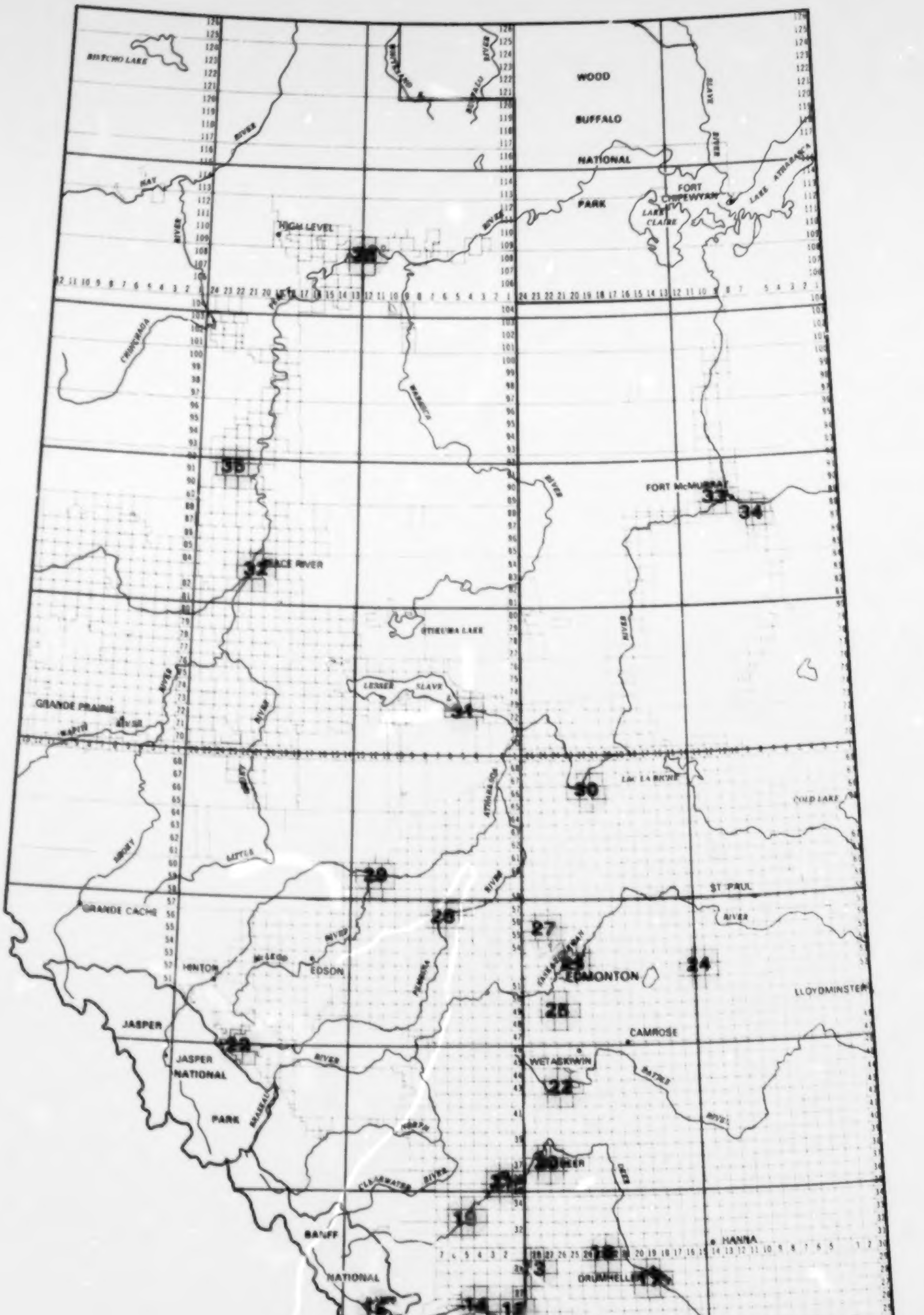
SOURCE : Alberta Environment, Technical Services Division, River Engineering Branch.

LOCATION : For information regarding which reports are available for viewing contact:

River Engineering Branch
Technical Services Division
Alberta Environment
10th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6280

Information is available for determining the causes of ice jams and for predicting flooding potential from:

Transportation and Surface Water
Engineering Department
Alberta Research Council
4th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-0777


BISTCHO LAKE
WOOD BUFFALO NATIONAL PARK
HIGH LEVEL
FORT CHIPEWYAN
LAKE CLAIRE
LAKE ATHABASCA
36
35
FORT McMURRAY
33
34
PEACE RIVER
32
UTIKUMA LAKE
LESSER SLAVE
31
GRANDE PRAIRIE
30
LAC LA BICHE
COLD LAKE
29
ST. PAUL
GRANDE CACHE
28
27
HINTON
EDSON
EDMONTON
24
LLOYDMINSTER
26
CAMROSE
JASPER
23
JASPER NATIONAL PARK
WETASKIWIN
22
20
19
BANFF NATIONAL PARK
HANNA
18
3
DRUMHELLER
17
14
13
CALGARY
12
16
10
9
7
MEDICINE HAT
COLEMAN
LETHBRIDGE
2
1

Alberta Environment
FLOOD PLAIN STUDIES

Numbers refer to descriptions in text

FLOW REGULATION OF THE RED DEER RIVER

DETAILS : A series of information bulletins, reports and recommendations on the flow regulation of the Red Deer River.

For related information refer to "Flood Control and Water Management in the Paddle River Basin" on page 236, "Flood Plain Studies" on page 237, "Management of Water Resources Within the Oldman River Basin" on page 255, "Peace-Athabasca Delta Project Studies" on page 278, and "Surface Water Data - Alberta (Manual File)" on page 366.

FILE SIZE : 9 reports

PROJECT DURATION : 1975-1977

SOURCE : Environment Council of Alberta.

LOCATION : Information bulletins, reports and recommendations are available for viewing at:

Library
Environment Council of Alberta
8th Fl., Weber Centre
5555-Calgary Trail South
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

EDMONTON
CALGARY

GAME BIRD REPORTS

DETAILS : This collection of internal reports deals with population inventories, status, diseases, parisites, crop depredation and hunter surveys of various game bird species.

For related information refer to "Land Capability for Waterfowl" on page 150, "Wildlife Key Area Maps" on page 210, "Canadian Wildlife Service Manuscripts" on page 227, "Conservation Unit Guides" on page 230, "Miscellaneous Species Reports" on page 257, "Occasional Papers (Wildlife) Series" on page 278, "Wildlife Management Series" on page 296, and "Compulsory Registration (Wildlife Harvest) Statistics Computer File" on page 315.

FILE SIZE : 400 + reports

PROJECT DURATION : 1946-

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Energy and Natural Resources, Fish and Wildlife Division

LOCATION : Because of the nature of the information, access is resticted to government personnel on request or for viewing only by consultants, oil companies, etc. upon written request on company letterhead. Reports must be viewed in the Fish and Wildlife office. Requests, indicating need, should be directed to:

Wildlife Management Branch
Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6750

GEOLOGICAL SURVEY OF CANADA PUBLICATIONS

DETAILS : The Geological Survey of Canada publishes various documents related to the geology of Alberta. Aside from the various published GSC maps, the following report classifications have been made:**

1. A **Memoir** is a comprehensive report dealing with the geology of a specific area.
2. A **Bulletin** is a report on detailed scientific studies on any geological or related subject.
3. **Papers** range from the presentation of accumulated data to highly sophisticated and interpretive reports of progress.
4. **Miscellaneous Reports** cover a wide range of topics of particular interest to the general public.
5. **Open File Reports** are usually unedited reports and for maps which are placed in this category to allow the public access to them prior to their final publication as one of the other four categories or as a map.

For related information refer to "Bedrock Geology - Geological Survey of Canada" on page 95, "Bedrock Geology - Alberta Research Council" on page 104, "Coal Disposition Map Series" on page 111, "Hydrogeology, Miscellaneous Groundwater Geology and Related Maps" on page 134, "Hydrogeological Reconnaissance Map Series" on page 137, "Land Classification Studies - Physical" on page 155, "Surficial Geology - Alberta Research Council" on page 196, "Surficial Geology Mapping - AOSERP Area" on page 206, "Alberta Research Council Bulletins" on page 220, "Alberta Research Council Earth Sciences Reports" on page 221, "Alberta Research Council Open File Reports" on page 223, "Bentonites and Limestones Manual File" on page 307, "Central Groundwater Data Manual File" on page 308, "Clays and Shales Manual File" on page 308, "Coal Exploration Permit File" on page 314, "Mineral Exploration Sample Storage Manual File" on page 328, and "Urban Geology Manual File" on page 369.

FILE SIZE : The following totals reflect only the publications pertaining to Alberta:

34	Memoirs
42	Bulletins
157	Papers
7	Miscellaneous Reports
Open Files (varies)	

** Many of the GSC publications are out of print; however, copies are available at the library for viewing only.

PROJECT DURATION : 1845-

SOURCE : Canada Department of Energy, Mines and Resources, Geological Survey of Canada.

LOCATION : Publications are available for viewing at:

Institute of Sedimentary and
Petroleum Geology
Geological Survey of Canada
Energy Mines and Resources
3303-33rd Street, N.W.
Calgary, Alberta
T2L 2A7 (403) 284-0110

or purchased through the:

Publications and Air Photo Section
Institute of Sedimentary and Petroleum Geology
Geological Survey of Canada
Energy Mines and Resources
3303-33rd Street, N.W.
Calgary, Alberta
T2L 2A7 (403) 284-0354

The following indexes are also available:

1. Index to publications of the Geological Survey of Canada (1845-1958) (cost $10.00)
2. Index to publications 1959-1974, Geological Survey of Canada (cost $3.50)
3. Index to publications 1975-1979, Geological Survey of Canada (cost $3.50)
4. Index to publications 1980, Geological Survey of Canada (Paper 81-3) (cost $4.00)
5. Index to publications 1981, Geological Survey of Canada (cost $2.00)
6. Index to publications 1982, Geological Survey of Canada (cost $2.00)
7. Index to reports and maps of general interest, 1984 (revised), Geological Survey of Canada. (Misc.G50)
8. Index to reports, Alberta, 1984 (revised), Geological Survey of Canada (Misc.G53)

Indexes are also available for Palaeontology, the Yukon, Northwest Territories, British Columbia, Saskatchewan, Manitoba, Ontario, Quebec, and the Atlantic Provinces.

GRANDE PRAIRIE-GRANDE CACHE AREA ENVIRONMENTAL PLANNING STUDY SERIES

DETAILS : A collection of reports providing background information for environmental planning of the Grande Prairie-Grande Cache areas.

For related information refer to "Resource Impact Assessment Overlay Program" on page 182, "Environmental Effects of Forestry Operations in Alberta" on page 231, "Environmental Effects of Residential Development in Leduc/International Airport Area" on page 232, "Environmental Effects of Sulphur Extraction Gas Plants in Alberta" on page 232, "Environmental Impact Assessment and Information Documents" on page 233, "Environmental Impact of Surface Mining in Alberta" on page 234, "Environmental Research and Development Reports" on page 235, and "Municipal Planning Information" on page 260.

FILE SIZE : 17 reports

PROJECT DURATION : 1976-1978

SOURCE : Alberta Transportation, Construction Division.

LOCATION : Reports are available for viewing at:

Transportation Library
Main Fl., Atria Bldg.
4999-98th Avenue
Edmonton, Alberta
T6B 2X3 (403) 427-8802
or (403) 427-8803

or

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

EDMONTON
CALGARY

GROUNDWATER REPORTS AND BIBLIOGRAPHY

DETAILS : Includes reports on groundwater evaluation for water supply, hydrogeological investigation and mapping, environmental impact assessment, soil drainage, groundwater contamination, and deep well disposal.

For related information refer to "Hydrogeology, Miscellaneous Groundwater Geology and Related Maps" on page 134, "Hydrogeological Reconnaissance Map Series" on page 137, "Alberta Research Council Atmospheric Sciences Reports" on page 219, "Alberta Research Council Open File Reports" on page 223, "Groundwater Reports and Bibliography", "Central Groundwater Data Manual File" on page 308, and "Springs of Alberta Computer File" on page 365.

FILE SIZE : 4 000 + reports

PROJECT DURATION : 1967-

FREQUENCY OF UPDATE : Twice yearly

SOURCE : Alberta Environment, Earth Sciences Division.

LOCATION : Information is available from:

Groundwater Information Section
Hydrology Branch
Earth Sciences Division
Alberta Environment
14th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-6230

For additional information on groundwater resources of Alberta, contact:

Groundwater Resources Information
Services, Hydrology Branch
Earth Sciences Division
Alberta Environment
4th Fl., Energy Square
10109-106th Street
Edmonton, Alberta
T5J 1H3 (403) 427-4483
or (403) 427-4484

All reports are available on microfiche.

HABITAT DEVELOPMENT REPORT SERIES

DETAILS : A series of habitat development reports for various water bodies in Alberta.

For related information refer to "Land Capability - Sport Fish" on page 148, "Management Report Series (Fish)" on page 256, "Pollution Report Series" on page 280, "Research Report Series (Fish)" on page 283, "Water Resources Development Studies" on page 295, and "Fish Planting Statistics Manual File" on page 318.

FILE SIZE : 13 reports

PROJECT DURATION : 1974-1979

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Energy and Natural Resources, Fish and Wildlife Division, Fisheries Management Branch.

LOCATION : Copies of reports are available only for scientific or educational purposes. Reports may be viewed at:[50]

Fisheries Management Branch
Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6730

or

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

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[50] Reports are out of print.

HYDROELECTRIC POWER OUTPUT

DETAILS : Files are kept on information about hydroelectric power generation in the province submitted by power stations and companies. The data includes maximum, minimum and average power output.

For further information refer to "Energy Resources Conservation Board (ERCB) Maps" on page 117, "Management of Water Resources Within the Oldman River Basin" on page 255, "Water Resources Development Studies" on page 295, and "Energy Resources Conservation Board (ERCB) Computer Files" on page 317.

FILE SIZE : 200 files

PROJECT DURATION : 1900's-

FREQUENCY OF UPDATE : Daily

SOURCE : Alberta Environment, Water Resources Administration Division, Hydroelectric Branch.

LOCATION : Files are available at:

Hydroelectric Branch
Water Resources Administration Division
Alberta Environment
2nd Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6111

INTEGRATED RESOURCE PLANNING PROJECTS

DETAILS : A series of integrated resource planning projects in which the studies are either:

1. a comprehensive regional land-use plans which will reflect Alberta natural resource policy;
2. an integrated resource plans for specific land areas based upon regional plans and department policies; or
3. an integrated short-term plans for specific problem areas, usually relatively small in area.

For related information refer to "Foothills Resource Allocation Studies" on page 125, "Forage Inventory Program" on page 127, "Integrated Resource Inventories" on page 141, "Land Classification Studies - Ecological" on page 152, "Land Classification Studies - Physical" on page 155, "Land Use and Zoning Maps" on page 160, "Special Ecological Studies" on page 193, "Alberta Land Use Forum" on page 219, "Land Conservation and Reclamation" on page 251, "Municipal Planning Information" on page 260, "Restricted Areas Manual File (Geophysical Exploration)" on page 351, and "Restricted Development Areas Manual File" on page 352.

FILE SIZE : 35 studies

PROJECT DURATION : 1977-

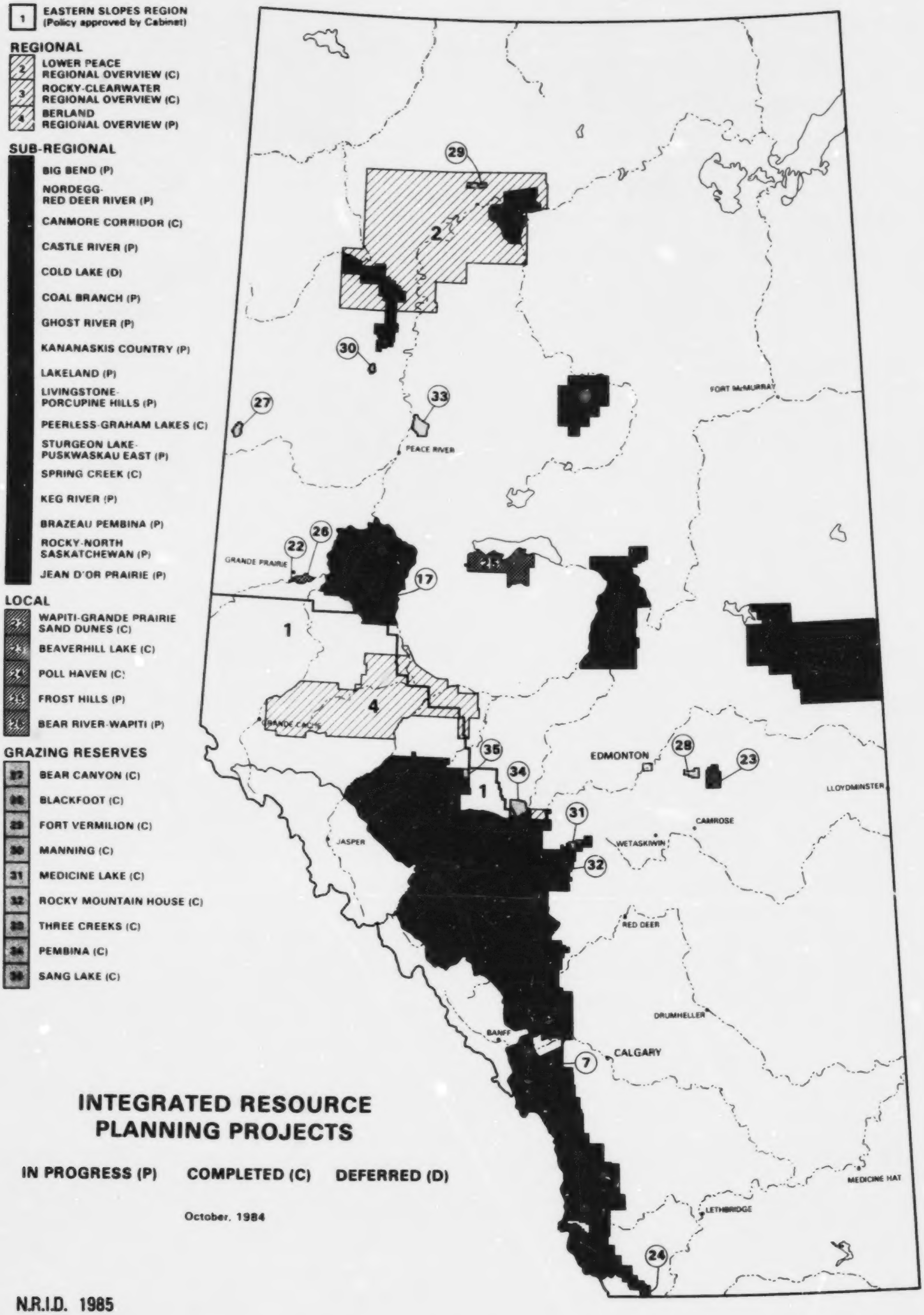
SOURCE : Alberta Energy and Natural Resources, Resource Evaluation and Planning Division, Resource Planning Branch.

LOCATION : Completed plans may be viewed at:

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

Further information may be obtained from:

Resource Planning Branch
Resource Evaluation and Planning Division
Alberta Energy and Natural Resources
5th Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-7413


1 EASTERN SLOPES REGION (Policy approved by Cabinet)
REGIONAL
2 LOWER PEACE REGIONAL OVERVIEW (C)
3 ROCKY-CLEARWATER REGIONAL OVERVIEW (C)
4 BERLAND REGIONAL OVERVIEW (P)
SUB-REGIONAL
BIG BEND (P)
NORDEGG-RED DEER RIVER (P)
CANMORE CORRIDOR (C)
CASTLE RIVER (P)
COLD LAKE (D)
COAL BRANCH (P)
GHOST RIVER (P)
KANANASKIS COUNTRY (P)
LAKELAND (P)
LIVINGSTONE-PORCUPINE HILLS (P)
PEERLESS-GRAHAM LAKES (C)
STURGEON LAKE-PUSKWASKAU EAST (P)
SPRING CREEK (C)
KEG RIVER (P)
BRAZEAU PEMBINA (P)
ROCKY-NORTH SASKATCHEWAN (P)
JEAN D'OR PRAIRIE (P)
LOCAL
22 WAPITI-GRANDE PRAIRIE SAND DUNES (C)
23 BEAVERHILL LAKE (C)
24 POLL HAVEN (C)
25 FROST HILLS (P)
26 BEAR RIVER-WAPITI (P)
GRAZING RESERVES
27 BEAR CANYON (C)
28 BLACKFOOT (C)
29 FORT VERMILION (C)
30 MANNING (C)
31 MEDICINE LAKE (C)
32 ROCKY MOUNTAIN HOUSE (C)
33 THREE CREEKS (C)
34 PEMBINA (C)
35 SANG LAKE (C)
29
2
30
27
33
FORT McMURRAY
PEACE RIVER
GRANDE PRAIRIE
22
26
17
25
1
4
GRANDE CACHE
35
34
1
EDMONTON
28
23
LLOYDMINSTER
31
CAMROSE
WETASKIWIN
JASPER
32
RED DEER
DRUMHELLER
BANFF
7
CALGARY
MEDICINE HAT
LETHBRIDGE
24

INTEGRATED RESOURCE PLANNING PROJECTS

IN PROGRESS (P) COMPLETED (C) DEFERRED (D)

October, 1984

KANANASKIS COUNTRY AND SURROUNDING AREA BIBLIOGRAPHIC REFERENCES

DETAILS : There are four bibliographies put out by Energy and Natural Resources dealing with the Kananaskis Park Area. They are:

1. A Bibliographic Reference to Kananaskis Provincial Park and Surrounding Area. December 1977.
2. A Bibliographic Reference to Kananaskis Provincial Park and Kananaskis Country. February 1978.
3. Kananaskis Country Fish and Wildlife Bibliography. 1979.
4. Kananaskis Country Bibliography. 1984.

For related information refer to "Land Capability for Outdoor Recreation" on page 147, "Provincial Parks : Topographic Maps, Aerial Photographs and Mosaics" on page 174, "Soil Surveys of National and Provincial Parks and Areas Assessed for Parks Planning" on page 183, and "Provincial Parks Inventory Manual File" on page 349.

FILE SIZE : 4 bibliographies

PROJECT DURATION : 1977-

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Energy and Natural Resources, Fish and Wildlife Division and Resource Evaluation and Planning Division. Alberta Department of Recreation and Parks.

LOCATION : Copies of the bibliographies are available from:

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

and

Library
Alberta Recreation and Parks
7th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-7638

LAKE PLANNING PROGRAM

DETAILS : Lake planning programs have been undertaken by Alberta Municipal Affairs for each of the lakes below. Reports completed or under preparation include Cottage Owner Surveys, Management Studies (background technical reports), and Area Structure Plans (locally adopted lake management plans).

(A - Cottage Owner Survey)
(B - Management Study)
(C - Area Structure Plan)

1. Baptiste Lake (a,b,c) (NTS 83I)
2. Island Lake (a,b,c) (NTS 83I)
3. Skeleton Lake (a,b,c) (NTS (83I)
4. Garner Lake (a,b,c) (NTS 73L)
5. Lac La Biche (a,b,c) (NTS 73L)
6. Moose Lake (a,b,c) (NTS 73L)
7. Muriel Lake (a,b,c) (NTS 73L)
8. Moore Lake (a) (NTS 73L)
9. Ethel Lake (b,c) (NTS 73L)
10. Marie Lake (a) (NTS 73L)
11. Chicken Hill Lake (a,b,c) (NTS 73L)

For related information refer to "Municipal Planning Information" on page 260, "Lake Level Manual File" on page 324, "Lake and Reservoir Area and Capacity Manual File" on page 325, "Lake and Stream Manual Files" on page 325, and "Lake Water Quality Surveys Computer File" on page 326.

FILE SIZE : 11 studies

PROJECT DURATION : 1976-

SOURCE : Alberta Municipal Affairs, Planning Branch.

LOCATION : Published reports are available at:

Forms Duplicating and Stock Advance
Central Services Branch
Alberta Municipal Affairs
4th Fl., Jarvis Bldg.
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-4880

Within the Planning Branch there are three **Regional Planning Units** (Prairie : 427-2125; Lakeland : 427-2995 and; Parkview : 427-2593). For additional information contact:

Planning Branch
Alberta Municipal Affairs
7th Fl., Jarvis Bldg.
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-2910

LAKE STUDY BROCHURE SERIES

DETAILS : An ongoing series of public oriented brochures describing water quality in popular recreational lakes.

For related information refer to "Lake and Stream Manual Files" on page 325, and "Lake Water Quality Surveys Computer File" on page 326.

FILE SIZE : 8 brochures

PROJECT DURATION : 1984-

FREQUENCY OF UPDATE : 2 - 3 years

SOURCE : Alberta Environment, Pollution Control Division, Water Quality Control Branch.

LOCATION : The brochures may be obtained from:

Water Quality Control Branch
Pollution Control Division
Alberta Environment
6th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5828

LAND CONSERVATION AND RECLAMATION

DETAILS : This series of reports, dealing with land conservation and reclamation in Alberta, covers a wide variety of topics, including:

1. Organic compounds
2. Salination
3. Coal mining sites
4. Groundwater
5. Forest soil reconstruction
6. Flora suitable for reclamation
7. Reclamation activities
8. Coal ash
9. Bibliographies
10. Baseline studies
11. Oil sand tailings
12. Pipeline reclamation practices on agricultural land

For related information refer to "Land Use and Zoning Maps" on page 160, "Present Land Use Map" on page 173, "Alberta Land Use Forum" on page 219, "Conservation Unit Guides" on page 230, and "Land Use and Resource Development in the Eastern Slopes" on page 253.

FILE SIZE : 14 reports

PROJECT DURATION : 1980-

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Energy and Natural Resources, Scientific and Engineering Services and Research Division.

LOCATION : Reports map be purchased from:

Publication Services
Public Affairs Bureau
11510 Kingsway Avenue
Edmonton, Alberta
T5G 2Y5 (403) 427-4952

Or reports are available for viewing at:

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

Further information is available from:

Reclamation Research Coordinator
Scientific and Engineering Services
and Research Division
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-8042

LAND USE AND RESOURCE DEVELOPMENT IN THE EASTERN SLOPES

DETAILS : A collection of information bulletins, interim reports, reports and recommendations on land-use and resource development for the following watersheds in the Eastern Slopes region of Alberta: Oldman River Drainage Basin, Bow River Watershed Basin, North Saskatchewan and Red Deer River Basins, Smoky River Drainage Basin, and the Athabasca-Yellowhead area.

For related information refer to "Foothills Resource Allocation Studies" on page 125, "Land Use and Zoning Maps" on page 160, "Present Land Use Map" on page 173, "Range Allotment Maps" on page 176, "Resource Impact Assessment Overlay Program" on page 182, "Alberta Land Use Forum" on page 219, and "Land Conservation and Reclamation" on page 251.

FILE SIZE : 25 reports

PROJECT DURATION : 1973-1974

SOURCE : Environment Council of Alberta.

LOCATION : Copies are available for viewing at:

Library
Environment Council of Alberta
8th Fl., Weber Centre
5555-Calgary Trail South
Edmonton, Alberta
T6H 5P9 (403) 427-5811

EDMONTON
CALGARY

A bibliography of available publications is available from the above address.

MAINTAINING AND EXPANDING THE AGRICULTURAL LAND BASE IN ALBERTA

DETAILS : This series of reports and summaries, pertaining to agriculturally related activities in Alberta, deals with the following topics:

1. Agricultural research
2. Agriculture/environment interaction
3. Dryland salinity
4. Ecology of agriculture
5. Economics
6. Environmental legislation
7. Factors affecting summerfallow
8. Fisheries and wildlife resources
9. Future for agriculture land
10. Greenhouse production
11. Industrial impacts
12. Irrigation
13. Land availability
14. Land productivity
15. Land protection
16. Land-use
17. Linear development impacts
18. Planning legislation/practices
19. Protecting agricultural land
20. Public land management
21. Recreation
22. Resource extraction impacts
23. Soil fertility
24. Urbanization

For related information refer to "Agroclimatic Zones of Alberta" on page 65, "Alberta 1:1 000 000 Provincial Map Series" on page 88, "Land (Soil) Capability for Agriculture" on page 144, "Climate Inventory and Appraisal Records Computer File" on page 309, "Natural Resources and Land-Related Data Bases" on page 330.

FILE SIZE : 31 reports

PROJECT DURATION : 1981-

SOURCE : Environment Council of Alberta.

LOCATION : Copies are available at:

Library
Environment Council of Alberta
8th Fl., Weber Centre
5555-Calgary Trail South
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

MANAGEMENT AND DISPOSAL OF HAZARDOUS WASTE IN ALBERTA

DETAILS : A collection of information bulletins and related information on the management and disposal of hazardous waste in Alberta.

For related information refer to "Natural Resources and Land-Related Data Bases" on page 330

FILE SIZE : 4 reports

PROJECT DURATION : 1980

SOURCE : Environment Council of Alberta.

LOCATION : Copies are available at:

Library
Environment Council of Alberta
8th Fl., Weber Centre
5555-Calgary Trail South
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

MANAGEMENT OF WATER RESOURCES WITHIN THE OLDMAN RIVER BASIN

DETAILS : A series of information bulletins, reports and recommendations on water resource management within the Oldman River Basin.

For related information refer to "Flood Control and Water Management in the Paddle River Basin" on page 236, and "River Basin Studies" on page 286.

FILE SIZE : 2 reports

PROJECT DURATION : 1978-1979

SOURCE : Environment Council of Alberta.

LOCATION : Copies are available at:

Library
Environment Council of Alberta
8th Fl., Weber Centre
5555-Calgary Trail South
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

MANAGEMENT REPORT SERIES (FISH)

DETAILS : Fish management practices which are employed in various water bodies in Alberta are discussed in this series of research reports.

For related information refer to "Fish Resource Maps" on page 124, "Land Capability - Sport Fish" on page 148, "Habitat Development Report Series" on page 245, "Research Report Series (Fish)" on page 283, "Wildlife Management Series" on page 296, and "Fish Planting Statistics Manual File" on page 318.

FILE SIZE : 27 reports

PROJECT DURATION : 1967-

SOURCE : Alberta Energy and Natural Resources, Fish and Wildlife Division, Fisheries Management Branch.

LOCATION : Copies of reports are available only for scientific or educational purposes. Reports may be viewed at:

Fisheries Management Branch
Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6730

or

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

METEOROLOGICAL ANALYSIS REPORTS

DETAILS : Meteorological analyses are available for the following airports in Alberta: Calgary International, Edmonton International, Edmonton Industrial, Fort McMurray, Fort Chipewyan, Lethbridge, Grande Prairie, Red Deer Industrial, Medicine Hat, High Level, Lloydminster, Peace River, and Vermilion airports.

For related information refer to "Hail Rate Map" on page 133, "Precipitation Over Alberta" on page 172, "Alberta Environment Real Time Hydrometeorological Network Computer File" on page 300, "Climatological Records Computer File" on page 311, "Alberta Hail Project Records Computer File" on page 302, "Forest Station Weather Records Computer File" on page 322, "Sacramento Precipitation Storage Gauge Network Computer File" on page 357, and "Weather Radar Data Computer File" on page 374.

FILE SIZE : 13 airports

PROJECT DURATION : 1970-

SOURCE : Transport Canada, Civil Aviation Branch.

LOCATION : Reports are available for viewing at:

Transport Canada Regional Library
Transport Canada
10th Fl., Federal Public Building
9820-107th Street
Edmonton, Alberta
T5K 1G3 (403) 420-3801

MISCELLANEOUS SPECIES REPORTS

DETAILS : A collection of internal reports dealing with the management, survey and ecology of non-game animals and birds in Alberta. These include bison, wolf, fox, river otter, raccoon, beaver, muskrat, mink, skunk, squirrel, snowshoe hare, peregrine falcon, whooping crane, etc. These reports deal with a wide range of ecological parameters, such as population inventories/density, various biological data, diseases, parisites, and species distribution and status.

For related information refer to "Fish Resource Maps" on page 124, "Land Capability for Furbearers" on page 146, "Land Capability - Sport Fish" on page 148, "Land Capability for Ungulates" on page 149, "Land Capability for Waterfowl" on page 150, "Wildlife Key Area Maps" on page 210, "Big Game Reports" on page 225, "Canadian Wildlife Service Manuscripts" on page 227, "Game Bird Reports" on page 240, "Management Report Series (Fish)" on page 256, "Occasional Papers (Wildlife) Series" on page 278, "Research Report Series (Fish)" on page 283, "Wildlife Management Series" on page 296, "Commercial Fish Catch Statistics Manual File" on page 314, "Compulsory Registration (Wildlife Harvest) Statistics Computer File" on page 315, and "Fish Planting Statistics Manual File" on page 318.

FILE SIZE : 252 + reports

PROJECT DURATION : 1950-

FREQUENCY OF UPDATE : N/A.

SOURCE : Alberta Energy and Natural Resources, Fish and Wildlife Division.

LOCATION : Because of the nature of this information, access is restricted to government personnel on request or for viewing only by consultants, oil companies, etc. upon written request on company letterhead. Material must be viewed within the Fish and Wildlife office. Requests, indicating need, should be directed to:

Wildlife Management Branch
Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6750

MISCELLANEOUS STREAMFLOW DATA

DETAILS : Over the years Alberta Environment has carried out many streamflow measurements which have been related to specific projects. As these data were not of a continuous nature, they were never published. To make this information available, an annual publication, entitled **Alberta Environment - Miscellaneous Streamflow Data**, was undertaken in 1982 for 1980 data. All miscellaneous data, including that collected through the crest gauge program, will be included in this annual publication. Hydrometric data collected by the department will continue to be published through Environment Canada.

For related information refer to "Flood Control and Water Management in the Paddle River Basin" on page 236, "Flood Plain Studies" on page 237, "Flow Regulation of the Red Deer River" on page 240, "Management of Water Resources Within the Oldman River Basin" on page 255, "River Basin Studies" on page 286, and "Surface Water Data - Alberta (Manual File)" on page 366.

FILE SIZE : 90 sites

PROJECT DURATION : 1980-

FREQUENCY OF UPDATE : Annually

SOURCE : Survey Branch, Alberta Environment

LOCATION : Information is available through:

Records Centre
Technical Services Division
Alberta Environment
10th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6298

Additional information may be obtained from:

Surveys Branch
Technical Services Division
Alberta Environment
10th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6279

NOTE : Alberta Environment intends to publish data for years previous to 1980, but no schedule has yet been arranged.

MUNICIPAL DRINKING WATER QUALITY AND QUANTITY

DETAILS : Analyses are done by the Pollution Control Laboratory and Provincial Public Health Laboratory to determine chemical and bacterial content of drinking water. Information is also recorded on flow rate and fluoride content.

For related information refer to "Hydrogeology, Miscellaneous Groundwater Geology and Related Maps" on page 134, "Environmental Research and Development Reports" on page 235, "Municipal Planning Information" on page 260, "Lake Study Brochure Series" on page 251, "Northern Water Supply Program" on page 275, "Pollution Report Series" on page 280, "Lake Water Quality Surveys Computer File" on page 326, "Natural Resources and Land-Related Data Bases" on page 330"Routine Water Quality Monitoring of Major River Systems in Alberta Computer File" on page 355, "Water Well Drilling Reports Manual File" on page 372, and "Water Well Information Manual File (Earth Sciences Division)" on page 373.

FILE SIZE : 500 +/- analyses

PROJECT DURATION : 1960-

FREQUENCY OF UPDATE : Annually

SOURCE : Alberta Environment, Pollution Control Division, Municipal Engineering Branch.

LOCATION : For information concerning access to the files contact:

Scot McClure
Municipal Engineering Branch
Pollution Control Division
Alberta Environment
5th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5837

MUNICIPAL PLANNING INFORMATION

DETAILS : Municipal planning information has been divided into 15 general categories in order to present an overview of the diversity of information available for an individual municipality. A general list of information types for the 14 regional and municipal planning commissions and their current address, has also been included. This information is being continually updated but is, however, far from complete.

For the benefit of the user, the following distinctions have been made for the information categories presented on the planning information tables.

1. GENERAL REPORTS/PLANS

The following three categories, dealing with planning studies and reports, cover a wide range of topics as they are usually municipally or regionally adopted plans. They may include all or some of the remaining 13 information categories, in which case they are indicated under the appropriate categories.

a. **General Municipal Plans:** A council of a city, new town, village, or summer village having a population of 1 000 or more, and a county or municipal district having a population of 10 000 or more, shall adopt a plan for the municipality. Municipalities to which the above does not apply may adopt a plan for the municipality. A general municipal plan shall describe the land uses proposed for future development in the municipality. It shall also designate the areas of the municipality that would, in the opinion of the council, be suitable for an area structure plan or an area redevelopment plan.

b. **Area Structure Plan:** An area structure plan shall conform to any general municipal plan in existence and affecting the area that is the subject of the area structure plan. An area structure plan shall describe the sequence of the development proposed, the land uses proposed for the area, the density of the population proposed for the area, and the general location of major transportation routes and public utilities.

c. **Planning Studies:** Planning studies are often preliminary studies to a general municipal or area structure plan and, in some instances, planning studies are adopted by council. Planning studies indicate the present state and activities in a municipality. Planning studies usually cover a diversity of topics (one or more of the 12 following categories).

2. SPECIFIC REPORTS/PLANS

The following planning information categories are included so that specific topics, where a study has been undertaken and a report generated, but not incorporated into a general plan, may be indicated.

a. **Environmental/Engineering Studies:** These studies refer to those dealing with pollution control, sewage treatment, or any area where construction or resource use may have environmental impact where an engineering study has been conducted to identify and address environmental problems.

b. **Transportation:** Transportation refers to recent, or currently valid, reports by either the municipality or consulting engineers which deal with current and/or projected transportation needs, routes, alternatives, etc.

c. **Recreation/Open Space:** Recreation refers to recent 'Recreation Master Plans' prepared for groups of municipalities or to an individual plan for a specific municipality.

d. **Water Supply/Use:** Water supply/use refers to recent, or currently valid, reports pertaining to water demand, supply, utilization, etc., prepared either by the municipality or consulting engineers.

e. **Lakes, Rivers:** This category refers to plans which have dealt specifically with municipal lake/river resource utilization, hydrology, flooding, etc.

f. **Growth:** This category refers to studies which dealt with current and/or projected growth patterns and needs for the urban, industrial and/or commercial sectors.

g. **Economic Base:** This category refers to those studies which have identified the components of the municipal and/or regional economic base.

h. **Airports:** These studies deal with the current and/or projected demand, expansion and the environmental and/or social impact of airports.

i. **Land-Use/Capability:** These refer to reports or studies undertaken to determine land capability and to designate land-use for various social, economic, industrial and/or environmental purposes.

j. **Resources:** This refers to studies which have dealt specifically with the natural resource base (mineral or biotic) of the area and their current utilization or conservation.

k. **Urban Redevelopment:** Studies which have dealt with redevelopment of the central business district and urban core are included under this category.

l. **Municipal Utilities:** This category refers to those studies, conducted by engineers, which have dealt with municipal utilities (sewers, water mains, hydro, telephone, etc.) on a municipal scale.

m. **Land Use By-laws:** This category refers to the existence of land-use restrictions enforced either by regional and/or municipal by-laws.

FILE SIZE : 225 municipalities [51]
45 counties, municipal and improvement districts
14 regional/municipal planning commissions

SOURCE : Varies

LOCATION : Most **General Municipal Plans** and **Regional Plans** listed on the following pages, are available from:

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[51] A list of **Alberta Municipalities, Urban and Rural, including the Chief Officials of all Cities, Towns, Villages, Counties, and Municipal Districts** has been prepared by the Municipal Services Branch, Alberta Municipal Affairs, November 1984. This list is available from: Forms Duplicating and Stock Advance, Central Services Branch, Alberta Municpal Affairs, 4th Floor, Jarvis Building, 9925-107th Street, Edmonton, Alberta T5K 2H9 (403) 427-4880.

Municipal Affairs Library
9th Fl., Jarvis Bldg.
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-4829
or (403) 427-4850

Note : Information concerning other reports should be obtained from the individual municipality or planning commission.

The following abbreviations are used on the tables.

C	City
Co	County
H	Hamlet
ID	Improvement District
MD	Municipal District
MS	Metis Settlement
S.V.	Summer Village
T	Town
V	Village
AMA	Alberta Municipal Affairs[52]
BRRPC	Battle River Regional Planning Commission
CPC	Calgary Planning Commission
CRPC	Calgary Regional Planning Commission
CPMPC	County of Parkland Municipal Planning Commission
EMPC	Edmonton Municipal Planning Commission
EMRPC	Edmonton Metropolitan Regional Planning Commission
LMPC	Lethbridge Municipal Planning Commission
MRPC	Mackenzie Regional Planning Commission
ORRPC	Oldman River Regional Planning Commission
PRPC	Palliser Regional Planning Commission
RDRPC	Red Deer Regional Planning Commission
SAMPC	St. Albert Municipal Planning Commission
SARPC	Southeast Alberta Regional Planning Commission
SPRPC	South Peace Regional Planning Commission
YRPC	Yellowhead Regional Planning Commission

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[52] Various planning studies have been completed for most of the municipalities and areas under the jurisdiction of the AMA. For additional information consult the listings in the Alberta Municipal Affairs Library, or contact either the AMA Planning Branch or the municipality directly.

INFORMATION TYPES

Municipalities	Planning Commissions	Municipal Status	Area Structure/ Development	General Plans	Planning Studies	Environment/ Engineering Studies	Transportation	Recreation	Water Supply/Use	Lakes, Rivers	Growth	Economic Base	Airports	Land Use/Capability	Resources	Urban Redevelopment	Municipal Utilities	Land Use By-Laws
Acme	PRPC	V		X	X													
Airdrie	CRPC	T	X		X	X	X	X	X	X	X						X	X
Alberta Beach	YRPC	S.V.	X		X									X				
Alix	RDRPC	V		X	X												X	X
Alliance	BRRPC	V																X
Amisk	AMA	V																
Andrew	AMA	V																
Athabasca	AMA	T																
Barnwell	ORRPC	V			X				X		X						X	X
Barons	ORRPC	V		X	X			X			X							X
Barrhead	YRPC	T	X	X	X									X				X
Bashaw	BRRPC	T			X							X						X
Beaumont	EMRPC	T	X	X	X	X	X	X	X		X	X		X		X	X	X
Beaverlodge	SPRPC	T	X	X	X							X						
Beiseker	CRPC	V	X	X	X		X	X									X	X
Bentley	RDRPC	V		X				X									X	X
Berwyn	MRPC	V		X	X						X							X
Betula Beach	YRPC	S.V.			X									X				
Big Prairie	AMA	Ms																
Big Valley	RDRPC	V																X
Birchcliffe	RDRPC	S.V.																X
Black Diamond	CRPC	T		X	X		X	X	X						X		X	X
Blackie	CRPC	V		X														X
Blackfalds	RDRPC	T		X	X												X	X
Bluesky	SPRPC	H			X									X				
Bon Accord	EMRPC	T	X	X	X	X	X	X	X		X	X		X			X	X
Bondiss	AMA	S.V.																
Bonnyville	AMA	T																
Bonnyville Beach	AMA	S.V.																
Botha	RDRPC	V			X						X							
Bowden	RDRPC	T	X	X				X									X	X
Bragg Creek	CRPC	H			X		X		X									X
Breton	BRRPC	V	X		X													X
Brooks	SARPC	T	X	X	X			X						X				
Bruderheim	AMA	T																
Calgary	CPC	C	X	X	X	X	X	X		X	X		X	X		X	X	X
Calmar	EMRPC	T	X	X	X	X	X	X	X		X	X		X			X	X
Camrose	BRRPC	C		X	X													
Canmore	CRPC	T	X	X	X	X	X	X	X	X			X	X	X	X	X	X
Cardston	ORRPC	T		X	X	X		X	X							X		X
Caroline	RDRPC	V			X													X
Carseland	CRPC	H			X						X							X
Carstairs	RDRPC	T		X				X									X	X
Caslan	AMA	Ms																
Castor	RDRPC	T		X	X			X										X
Cayley	CRPC	V		X	X													X

INFORMATION TYPES

Municipalities	Planning Commissions	Municipal Status	Area Structure/ Development	General Plans	Planning Studies	Environment/ Engineering Studies	Transportation	Recreation	Water Supply/Use	Lakes, Rivers	Growth	Economic Base	Airports	Land Use/Capability	Resources	Urban Redevelopment	Municipal Utilities	Land Use By-Laws
Cereal	PRPC	V	X														X	
Chauvin	AMA	V																
Chestermere Lake	CRPC	S.V.	X	X		X		X	X								X	X
Chipman	AMA	V																
Clairmont	SPRPC	H		X	X													
Claresholm	ORRPC	T		X	X		X		X		X							X
Clive	RDRPC	V																
Cluny	CRPC	V			X				X								X	X
Clyde	AMA	V																
Coaldale	ORRPC	T	X	X	X	X		X	X		X							X
Coalhurst	ORRPC	V		X	X						X			X				X
Cochrane	CRPC	T	X	X	X		X	X	X	X	X	X				X	X	X
Cold Lake	AMA	T																
Consort	PRPC	V												X			X	
Coronation	RDRPC	T		X	X													X
Coutts	ORRPC	V	X	X	X				X									X
Cowley	ORRPC	V	X	X	X				X									X
Cremona	RDRPC	V			X													X
Crossfield	CRPC	T		X	X	X	X	X	X						X		X	X
Crowsnest Pass	ORRPC	T	X	X	X	X		X	X	X	X			X		X	X	X
Czar	AMA	V																
Daysland	BRRPC	T	X	X								X		X				X
Delburne	RDRPC	V			X	X		X										X
Delia	PRPC	V												X			X	
Derwent	AMA	V																
Devon	EMRPC	T	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X
Dewberry	AMA	V																
Didsbury	RDRPC	T		X	X			X									X	X
Donalda	RDRPC	V					X				X							
Drayton Valley	YRPC	T	X	X	X									X				X
Drumheller	PRPC	C	X	X	X			X			X		X	X		X	X	
Eaglesham	SPRPC	V		X	X				X					X				
East Prairie	AMA	Ms																
Eckville	RDRPC	T			X													X
Edgerton	AMA	V																
Edmonton	EMPC	C	X	X	X	X	X	X			X		X	X	X	X	X	
Edmonton Beach	YRPC	S.V.		X										X				
Edson	YRPC	T	X	X	X						X			X				X
Elizabeth	AMA	Ms																
Elk Point	AMA	V																
Elnora	RDRPC	V			X													X
Empress	PRPC	V															X	
Entwistle	YRPC	V		X	X		X							X			X	
Evansburg	YRPC	V			X									X			X	
Fairview	MRPC	T	X	X	X			X	X			X	X					X
Falher	SPRPC	T	X	X	X													

INFORMATION TYPES

Municipalities	Planning Commissions	Municipal Status	Area Structure/ Development	General Plans	Planning Studies	Environment/ Engineering Studies	Transportation	Recreation	Water Supply/Use	Lakes, Rivers	Growth	Economic Base	Airports	Land Use/Capability	Resources	Urban Redevelopment	Municipal Utilities	Land Use By-Laws
Ferintosh	BRRPC	V		X														X
Fishing Lake	AMA	Ms																
Forestburg	BRRPC	V		X							X							X
Fort Assiniboine	YRPC	V		X	X									X				
Fort Chipewyan	AMA	H																
Fort MacLeod	ORRPC	T		X	X				X	X						X		X
Fort McKay	AMA	H																
Fort McMurray	AMA	C																
Fort Saskatchewan	EMRPC	T	X	X	X	X	X	X	X	X	X	X		X		X	X	X
Fox Creek	YRPC	T			X									X				
Gadsby	RDRPC	V			X													
Galahad	BRRPC	V																X
Gibbons	EMRPC	T	X	X	X	X	X	X	X	X	X	X		X		X	X	X
Gift Lake	AMA	Ms																
Gleichen	CRPC	T		X	X				X								X	X
Glendon	AMA	V																
Grande Centre	AMA	T																
Grande Cache	YRPC	T		X	X			X						X	X			
Grande Prairie	SPRPC	C	X	X	X		X	X			X	X					X	
Granum	ORRPC	T		X	X			X	X									X
Grassy Lake	ORRPC	V							X								X	X
Grimshaw	MRPC	T		X	X		X					X						X
Grovedale	SPRPC	–				X									X			
Gull Lake	RDRPC	S.V.							X									X
Hairy Hill	AMA	V																
Half Moon Bay	RDRPC	S.V.																X
Halkirk	RDRPC	V																
Hanna	PRPC	T		X	X			X	X	X	X		X	X			X	
Hardisty	AMA	T																
Heisler	BRRPC	V																X
High Level	MRPC	T	X	X	X		X		X			X						X
High Prairie	SPRPC	T		X	X													
High River	CRPC	T	X	X	X		X	X	X	X				X		X	X	X
Hines Creek	MRPC	V		X	X													X
Hinton	YRPC	T	X	X	X	X	X	X			X		X	X			X	
Holden	AMA	V																
Hughhenden	AMA	V																
Hussar	CRPC	V		X	X													
Hythe	SPRPC	V		X				X	X			X		X				
Innisfail	RDRPC	T	X	X	X		X	X										X
Innisfree	AMA	V																
Irma	AMA	V																
Irricana	CRPC	V		X	X					X							X	X
Island Lake	AMA	S.V.																
Kapasawin	YRPC	S.V.																
Kikino	AMA	Ms																
Killam	BRRPC	T		X	X							X						X
Kinuso	AMA	V																
Kitscoty	AMA	V																

INFORMATION TYPES

Municipalities	Planning Commissions	Municipal Status	Area Structure/ Development	General Plans	Planning Studies	Environment/ Engineering Studies	Transportation	Recreation	Water Supply/Use	Lakes, Rivers	Growth	Economic Base	Airports	Land Use/Capability	Resources	Urban Redevelopment	Municipal Utilities	Land Use By-Laws
Lac La Biche	AMA	T																
Lacombe	RDRPC	T		X	X		X	X									X	X
Lakeview	YRPC	S.V.																
Lamont	AMA	T																
Lavoy	AMA	V																
Leduc	EMRPC	T	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Legal	EMRPC	V		X	X	X	X	X	X		X	X		X			X	X
Lethbridge	LMPC	C	X	X	X	X	X	X		X	X	X		X		X	X	X
Linden	PRPC	V		X	X													
Little Smoky	SPRPC	H			X									X				
Lloydminster	AMA	C																
Longview	CRPC	V			X			X										X
Lougheed	BRRPC	V																X
Magrath	ORRPC	T	X	X	X			X	X									X
Manning	MRPC	T	X		X													X
Mannville	AMA	V																
Marwayne	AMA	V																
Mayerthorpe	YRPC	T	X	X	X									X				
Medicine Hat	SARPC	C		X	X		X	X	X					X		X		
Mewatha Beach	AMA	S.V.																
Milk River	ORRPC	T	X	X	X				X					X			X	X
Millet	BRRPC	T		X	X	X		X	X	X								X
Minburn	AMA	V																
Mirror	RDRPC	V		X	X			X										X
Morinville	EMRPC	T	X	X	X	X	X	X	X		X	X		X		X	X	X
Morrin	PRPC	V												X			X	
Mundare	AMA	T																
Munson	PRPC	V												X			X	
Myrnam	AMA	V																
Nakamum Park	YRPC	S.V.									X				X			
Nampa	MRPC	V	X	X														X
Nanton	ORRPC	T		X	X			X	X		X							X
New Norway	BRRPC	V		X														X
Nisku	EMRPC	H	X	X														X
Nobleford	ORRPC	V		X	X		X		X		X							X
Norglenwold	RDRPC	S.V.																X
Okotoks	CRPC	T	X	X	X	X		X	X	X	X			X			X	X
Olds	RDRPC	T		X	X			X									X	X
Onoway	YRPC	V	X	X	X						X			X				
Oven	PRPC	T		X	X						X			X			X	
Paddle Prairie	AMA	Ms																
Paradise Valley	AMA	V																
Peace River	MRPC	T	X	X	X	X	X	X				X	X					X
Pelican Narrows	AMA	S.V.																
Penhold	RDRPC	T		X	X			X									X	X
Peoria	SPRPC	H			X									X				
Picture Butte	ORRPC	T	X	X	X						X			X				X
Pincher Creek	ORRPC	T	X	X	X		X											X
Plamondon	AMA	V																
Point Alison	YRPC	S.V.																

INFORMATION TYPES

Municipalities	Planning Commissions	Municipal Status	Area Structure/ Development	General Plans	Planning Studies	Environment/ Engineering Studies	Transportation	Recreation	Water Supply/Use	Lakes, Rivers	Growth	Economic Base	Airports	Land Use/Capability	Resources	Urban Redevelopment	Municipal Utilities	Land Use By-Laws
Ponoka	BRRPC	T		X			X			X		X						X
Provost	AMA	T																
Radway	AMA	V																
Rainbow Lake	MRPC	T		X	X									X				X
Raymond	ORRPC	T	X	X	X				X					X				X
Redcliff	SARPC	T	X	X		X				X								
Red Deer	RDRPC	C	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X
Redwater	EMRPC	T	X	X	X	X	X	X	X		X	X		X	X	X	X	X
Ridge Valley	SPRPC	-												X				
Rimbey	BRRPC	T		X				X				X						X
Rochon Sands	RDRPC	S.V.			X													X
Rocky Mtn. House	RDRPC	T	X	X		X	X	X			X						X	X
Rockyford	CRPC	V			X												X	X
Ross Haven	YRPC	S.V.								X								
Rumsey	PRPC	V															X	
Rycroft	SPRPC	V		X	X													
Ryley	AMA	V																
St. Albert	SAMPC	C	X	X	X	X	X	X	X	X	X	X		X		X	X	X
St. Paul	AMA	T																
Sandy Beach	YRPC	S.V.								X								
Sangudo	YRPC	V			X									X				
Sedgewick	BRRPC	T		X				X				X						X
Seba Beach	YRPC	S.V.			X									X				
Sexsmith	SPRPC	T	X	X	X													
Sherwood Park	EMRPC	H	X	X	X	X	X	X	X		X	X		X		X	X	X
Silver Sands	YRPC	S.V.			X					X								
Slave Lake	AMA	T																
South View	YRPC	S.V.								X								
Smoky Lake	AMA	T																
South Baptiste	AMA	S.V.																
South Island Lake	AMA	S.V.																
Spirt River	SPRPC	T		X	X								X					
Spruce Grove	EMRPC	T	X	X	X	X	X	X	X		X	X		X		X	X	X
Standard	CRPC	V			X	X												X
Standoff	ORRPC	H	X	X	X	X		X	X			X			X			
Stavely	ORRPC	T		X	X			X	X		X						X	X
Stettler	RDRPC	T	X	X	X		X	X		X							X	X
Stirling	ORRPC	V			X													X
Stony Plain	EMRPC	T	X	X	X	X	X	X	X		X	X		X		X	X	X
Strathcona	EMRPC	-	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X
Strathmore	CRPC	T		X	X		X	X	X									
Strome	BRRPC	V																X
Sundre	RDRPC	T		X				X		X						X	X	X
Sunset Beach	AMA	S.V.																
Sunset Point	YRPC	S.V.								X								

INFORMATION TYPES

Municipalities	Planning Commissions	Municipal Status	Area Structure/ Development	General Plans	Planning Studies	Environment/ Engineering Studies	Transportation	Recreation	Water Supply/Use	Lakes, Rivers	Growth	Economic Base	Airports	Land Use/Capability	Resources	Urban Redevelopment	Municipal Utilities	Land Use By-Laws
Swan Hills	YRPC	T			X							X						
Sylvan Lake	RDRPC	T	X	X	X		X	X		X						X	X	X
Taber	ORRPC	T	X	X	X		X	X	X		X							X
Tangent	SPRPC	H												X				
Thorsby	BRRPC	H		X				X										X
Thorhild	AMA	V																
Three Hills	PRPC	T	X	X	X													
Tofield	AMA	T																
Torrington	PRPC	V	X		X			X										
Trochu	PRPC	T	X	X	X													
Turner Valley	CRPC	T	X	X	X		X	X	X	X							X	X
Two Hills	AMA	T																
Valleyview	SPRPC	T		X	X							X						
Val Quentin	YRPC	S.V.			X					X				X				
Vauxhall	ORRPC	T			X			X	X								X	X
Vegreville	AMA	T																
Vermilion	AMA	T																
Veteran	PRPC	V												X			X	
Viking	AMA	T																
Vilna	AMA	V																
Vulcan	ORRPC	T		X	X			X	X									X
Wabamun	YRPC	V			X									X				
Wainwright	AMA	T																
Wanham	SPRPC	V		X	X				X		X			X				
Warburg	BRRPC	V																X
Warner	ORRPC	V			X			X										X
Warspite	AMA	V																
Waskatenau	AMA	V																
Watino	SPRPC	H			X									X				
Wembley	SPRPC	T		X	X													
West Baptiste	AMA	S.V.																
West Cove	YRPC	S.V.			X					X				X				
Westlock	AMA	T																
Wetaskiwin	BRRPC	C		X				X										X
Whispering Hills	AMA	S.V.																
Whitecourt	YRPC	T	X		X									X				
White Gull	AMA	S.V.																
White Sands	RDRPC	S.V.																X
Wildwood	YRPC	V			X									X				
Willingdon	AMA	T																
Woking	SPRPC	H			X									X				
Worsley	MRPC	H			X	X			X					X			X	
Yellowstone	YRPC	S.V.			X									X				
Youngstown	PRPC	V															X	

INFORMATION TYPES

County/Municipal Improvement Districts	Planning Commissions	Municipal Status	Area Structure/ Development	General Plans	Planning Studies	Environment/ Engineering Studies	Transportation	Recreation	Water Supply/Use	Lakes, Rivers	Growth	Economic Base	Airports	Land Use/Capability	Resources	Urban Redevelopment	Municipal Utilities	Land Use By-Laws
Athabasca No.12	AMA	Co																
Barrhead	YRPC	Co		X										X				X
Beaver	AMA	Co																
Bonnyville No.87	AMA	MD																
Camrose No.22	BRRPC	Co			X			X		X				X				X
Cardston No.6	ORRPC	MD				X		X										X
Clearwater No.99	RDPC	MD		X	X	X		X	X	X					X			X
Beaver No.9	AMA	Co.																
Fairview No.136	MRPC	MD			X												X	
Flagstaff	BRRPC	Co	X	X														X
Foothills No.31	CRPC	MD	X	X														
I.D. No.8	CRPC	ID	X	X	X	X	X	X	X	X	X			X	X		X	
I.D. No.14	YRPC	ID			X									X				X
I.D. No.15	YRPC	ID			X									X				
I.D. No.16	AMA	ID																
I.D. No.17 (east)	AMA	ID																
I.D. No.17 (west)	AMA	ID																
I.D. No.18 (north)	AMA	ID																
I.D. No.18 (south)	AMA	ID																
I.D. No.20	SPRPC	ID		X														X
I.D. No.21	MRPC	ID		X														X
I.D. No.22	MRPC	ID	X		X													X
I.D. No.23	MRPC	ID			X													X
Lacombe No.14	RDRPC	Co		X	X			X		X			X					X
Lac Ste. Anne	YRPC	Co			X					X				X				X
Lamont No.30	AMA	Co																
Leduc	BRRPC	Co		X														X
Leduc	EMRPC	Co	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X
Lethbridge No.26	ORRPC	Co	X		X			X						X				X
Minburn No.27	AMA	Co																
Mnt. View No.17	RDRPC	Co	X	X	X	X		X		X	X	X		X				X
Paintearth No. 18	RDRPC	Co			X		X	X										X
Parkland	YRPC	Co		X	X					X				X				X
Peace No.135	MRPC	MD	X		X		X							X				X
Pincher Creek No.9	ORRPC	MD	X		X			X						X				X
Ponoka	BRRPC	Co		X				X							X			X
Provost No.52	AMA	MD																
Red Deer No.23	RDRPC	Co	X	X	X	X	X	X	X	X	X	X		X	X		X	X
Rockyview No.44	CRPC	MD	X	X	X		X	X	X	X	X		X					
Smoky Lake No.13	AMA	Co																
Smoky River No.130	SPRPC	MD		X														X
Spirit River No.133	SPRPC	MD		X														X
St. Paul No.19	AMA	Co																
Stettler No.6	RDRPC	Co	X		X	X	X	X	X	X	X	X	X	X	X		X	X
Sturgeon	EMRPC	MD	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X
Taber No.14	ORRPC	MD		X				X						X				X
Thorhild No.7	AMA	Co																

INFORMATION TYPES

County/Municipal Improvement Districts	Planning Commissions	Municipal Status	Area Structure/ Development	General Plans	Planning Studies	Environment/ Engineering Studies	Transportation	Recreation	Water Supply/Use	Lakes, Rivers	Growth	Economic Base	Airports	Land Use/Capability	Resources	Urban Redevelopment	Municipal Utilities	Land Use By-Laws
Two Hills No.21	AMA	Co																
Vermilion No.24	AMA	Co																
Vulcan No.2	ORRPC	Co	X	X	X			X		X							X	X
Wainwright No.61	AMA	MD																
Warner No.5	ORRPC	Co	X		X			X									X	X
Westlock No.82	AMA	MD																
Wetaskiwin	BRRPC	Co	X	X	X					X								X
Wheatland No.16	CRPC	MD	X	X										X	X			
Willow Creek No.26	ORRPC	MD		X				X										X

CONTACT ADDRESSES

AMA
Alberta Municipal Affairs
Jarvis Building
9925-107th Street
Edmonton, Alberta
T5T 2H9
Information Line (403) 427-2732

BRRPC
Battle River Regional Planning Commission
5014-48th Avenue
Wetaskiwin, Alberta
T9A 0M9 (403) 352-2215

CPC[53]
Calgary Planning Commission
133-6th Avenue, S.E.
Calgary, Alberta
T2G 4Z1 (403) 268-5438

CRPC
Calgary Regional Planning Commission
4303-11th Street, S.E.
Calgary, Alberta
T2G 4X1 (403) 287-2472

CPMPC
County of Parkland
Municipal Planning Commission
Stony Plain, Alberta
T0E 2G0 (403) 963-5354

EMPC
Edmonton Municipal Planning Commission
12th Floor, Phipps McKinnon Bldg.
10020-101A Avenue
Edmonton, Alberta
T5J 0P6 (403) 428-2661

EMRPC
Edmonton Metropolitan
Regional Planning Commission
Room 602, Baker Centre
10025-106th Street
Edmonton, Alberta
T5J 0P6 (403) 423-5701

LMPC
Lethbridge Municipal Planning Commission
Planning and Development Department
City Hall, 910-4th Avenue, S.
Lethbridge, Alberta
T1J 0P6 (403) 320-3921

MRPC
Mackenzie Regional Planning Commission
Box 450
Berwyn, Alberta
T0H 0E0 (403) 338-3862

ORRPC
Oldman River
Regional Planning Commission
905-4th Avenue, S.
Lethbridge, Alberta
T1J 1P0 (403) 329-1344

PRPC
Palliser Regional Planning Commission
605-2nd Avenue, S.
P.O. Box 1467
Hanna, Alberta
T0J 1P0 (403) 854-3371

RDRPC
Red Deer
Regional Planning Commission
2930-Bremner Avenue
Red Deer, Alberta
T4R 1M9 (403) 343 3394

SAMPC
St. Albert
Municipal Planning Commission
5-St. Anne Street
St. Albert, Alberta
T8N 1E8 (403) 459-6601

SARPC
Southern Alberta
Regional Planning Commission
Chinook Place
623-4th Street, S.E.
Medicine Hat, Alberta
T1A 1V0 (403) 527-3326

SPRPC
South Peace
Regional Planning Commission
200 Windsor Court
9835-101st Avenue
Grande Prairie, Alberta
T8V 5V4 (403) 532-0988

YRPC
Yellowhead
Regional Planning Commission
Box 249
Onoway, Alberta
T0E 1V0 (403) 967-2249

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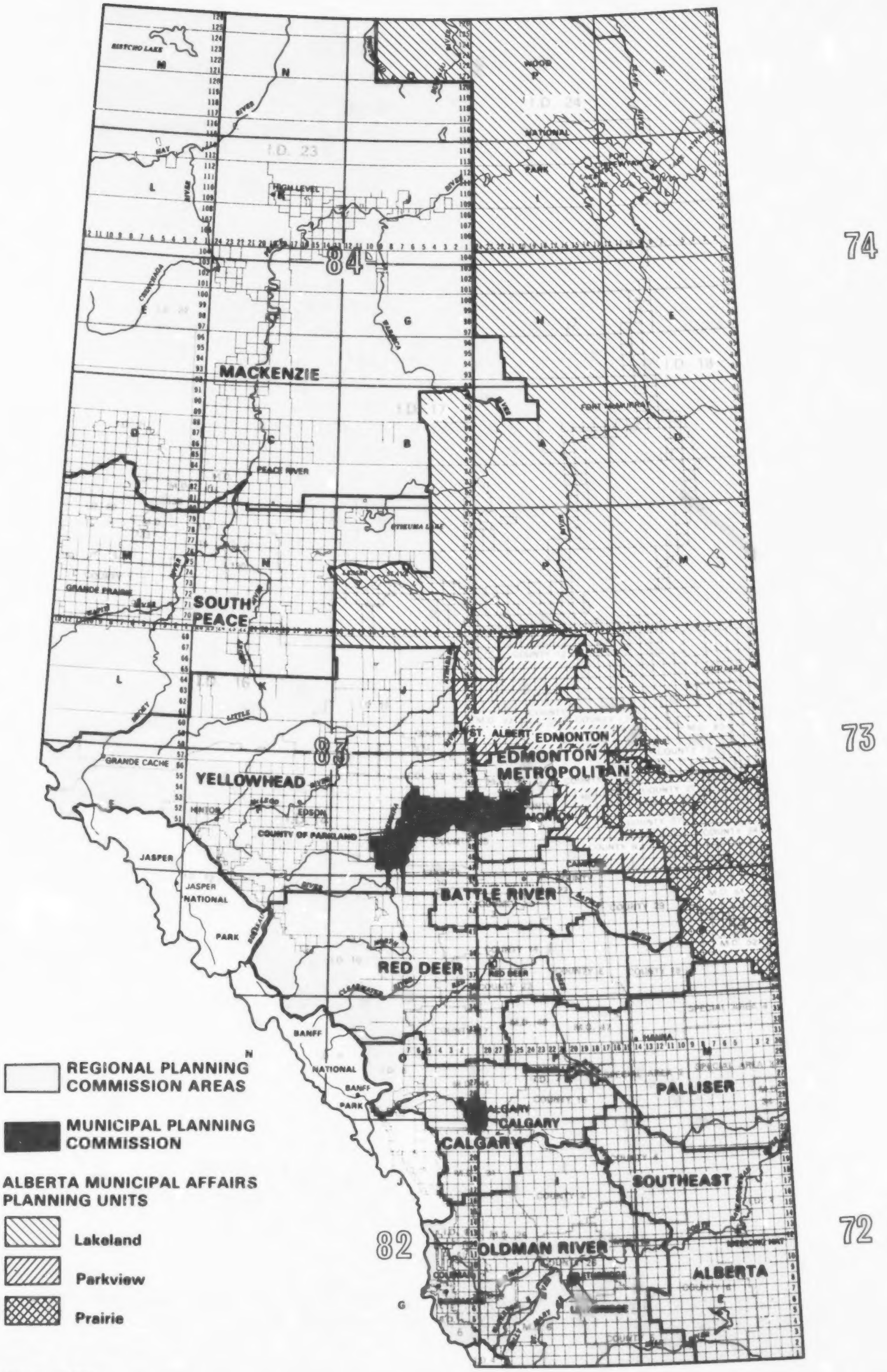
[53] As the Planning Commission is moving in 1985 to a new municipal building, the following postal address should be used: P.O. Box 2100, Station M, Calgary, Alberta, T2P 2M5.


REGIONAL PLANNING COMMISSION AREAS
MUNICIPAL PLANNING COMMISSION
ALBERTA MUNICIPAL AFFAIRS PLANNING UNITS
Lakeland
Parkview
Prairie
BISTCHO LAKE
WOOD BUFFALO NATIONAL PARK
I.D. 24
I.D. 23
HIGH LEVEL
84
74
I.D. 18
FORT McMURRAY
MACKENZIE
I.D. 17
PEACE RIVER
GRANDE PRAIRIE
SOUTH PEACE
I.D. 16
83
73
ST. ALBERT
EDMONTON
EDMONTON METROPOLITAN
GRANDE CACHE
YELLOWHEAD
HINTON
EDSON
COUNTY OF PARKLAND
JASPER
JASPER NATIONAL PARK
BATTLE RIVER
RED DEER
BANFF NATIONAL PARK
BANFF
CALGARY
PALLISER
SOUTHEAST
82
72
OLDMAN RIVER
ALBERTA

NATURAL HISTORY INFORMATION SERIES - PROVINCIAL MUSEUM OF ALBERTA

DETAILS : The Provincial Museum produces leaflets providing synoptic overviews of various natural history topics. These leaflets are intended as summary overviews for the interested non-specialist.

For related information refer to "Archaeological Survey of Alberta : Occasional Papers" on page 224, "Natural History Occasional Papers - Provincial Museum of Alberta", "Natural History Reference Lists - Provincial Museum of Alberta" on page 274, "Provincial Museum of Alberta Publications" on page 281, and "Natural History Systematic Research Collections : Provincial Museum of Alberta" on page 329.

FILE SIZE : 86 leaflets

PROJECT DURATION : 1967-

FREQUENCY OF UPDATE : N/A

SOURCE : Provincial Museum of Alberta, Natural History Section.

LOCATION : The leaflets may be obtained from:

Provincial Museum of Alberta
Natural History Section
Alberta Culture
12845-102nd Avenue
Edmonton, Alberta
T5N 0M6 (403) 427-1731

Reprints of some articles are available upon request from the appropriate curator. A bibliographic listing of all contributions is available upon request from the above address.

NATURAL HISTORY OCCASIONAL PAPERS - PROVINCIAL MUSEUM OF ALBERTA

DETAILS : A series of technical reports on a variety of natural history topics pertaining to Alberta.

For related information refer to "Archaeological Survey of Alberta : Occasional Papers" on page 224, "Natural History Information Series - Provincial Museum of Alberta", "Natural History Reference Lists - Provincial Museum of Alberta" on page 274, "Provincial Museum of Alberta Publications" on page 281, and "Natural History Systematic Research Collections : Provincial Museum of Alberta" on page 329.

FILE SIZE : 5 papers

PROJECT DURATION : 1976-

FREQUENCY OF UPDATE : N/A

SOURCE : Provincial Museum of Alberta, Natural History Section.

LOCATION : Papers may be obtained from:

Provincial Museum of Alberta
Natural History Section
Alberta Culture
12845-102nd Avenue
Edmonton, Alberta
T5N 0M6 (403) 427-1731

Some Occasional Papers are out of print. Copies of all, however, are maintained at:

Provincial Museum of Alberta
Natural History Section, Library
Alberta Culture
12845-102nd Avenue
Edmonton, Alberta
T5N 0M6 (403) 427-1750

NATURAL HISTORY REFERENCE LISTS - PROVINCIAL MUSEUM OF ALBERTA

DETAILS : The Museum produces handout leaflets listing major references on a broad spectrum of natural history subjects or specific species of wildlife. The lists are not intended to be complete bibliographic references.

For related information refer to "Archaeological Survey of Alberta : Occasional Papers" on page 224, "Natural History Information Series - Provincial Museum of Alberta" on page 273, "Natural History Occasional Papers - Provincial Museum of Alberta" on page 273, "Provincial Museum of Alberta Publications" on page 281, and "Natural History Systematic Research Collections : Provincial Museum of Alberta" on page 329.

FILE SIZE : 207 leaflets

PROJECT DURATION : 1967-

FREQUENCY OF UPDATE : N/A

SOURCE : Provincial Museum of Alberta, Natural History Section.

LOCATION : The leaflets are available at:

Provincial Museum of Alberta
Natural History Section
Alberta Culture
12845-102nd Avenue
Edmonton, Alberta
T5N 0M6 (403) 427-1731

NOISE IN ALBERTA

DETAILS : A series of information bulletins and brochures on noise in Alberta.

For related information refer to "Alberta Environmental Centre Reports" on page 218, "Environmental Impact Assessment and Information Documents" on page 233, and "Environmental Research and Development Reports" on page 235.

FILE SIZE : 10 bulletins/brochures

PROJECT DURATION : 1980-1981

SOURCE : Environment Council of Alberta.

LOCATION : Copies are available at:

Library
Environment Council of Alberta
8th Fl., Weber Centre
5555-Calgary Trail South
Edmonton, Alberta
T6H 5P9 (403) 427-5811

NORTHERN WATER SUPPLY PROGRAM

DETAILS : For each of the communities listed below, a report has been compiled which contains physiographic and geological information, well constuction details, aquifer testing, and groundwater quality tests:

1. Imperial Mills
2. Grand Centre-Beaverdam
3. Calling Lake Settlement
4. Caslam
5. Cadotte Lake Settlement
6. Keg River Post
7. Lac La Biche Mission Settlement
8. Kikino Metis Colony
9. Beaver Lake Area
10. Elizabeth Metis Colony
11. East Prairie Metis Colony No.4
12. Grande Cache Area
13. Chipewyan Lake
14. Elinor Lake
15. Loon Lake
16. Conkin-Janvier
17. Moose Mountain
18. Anzac
19. Peerless Lake
20. Owl River Settlement
21. Gunn-Lac St Anne
22. Sandy Lake Settlement
23. Graham Lake Settlement
24. Atikameg
25. Peavine/Big Prairie Metis Colony No.3
26. Mariboro
27. Keg River Metis Colony
28. Valleyview Area
29. Fishing Lake Metis Colony
30. Wapiti

For related information refer to "East Central Alberta Regional Groundwater Resource Inventory" on page 111, "Hydrogeology, Miscellaneous Groundwater Geology and Related Maps" on page 134, "Hydrogeological Reconnaissance Map Series" on page 137, "Alberta Research Council Bulletins" on page 220, "Alberta Research Council Earth Sciences Reports" on page 221, "Alberta Research Council Open File Reports" on page 223, "Canoe Alberta : A Guide To Alberta's Rivers" on page 228, "Groundwater Reports and Bibliography" on page 244, "Lake Planning Program" on page 250, "Lake Study Brochure Series" on page 251, "Management and Disposal of Hazardous

Waste in Alberta" on page 255, "Management of Water Resources Within the Oldman River Basin" on page 255, "Municipal Drinking Water Quality and Quantity" on page 259, "Peace-Athabasca Delta Project Studies" on page 278, "Pollution Report Series" on page 280, "Restoration of Water Levels in Cooking and Hasting Lakes" on page 284, "Restoration of Water Levels in the Peace-Athabasca Delta" on page 285, "River Basin Studies" on page 286, "Survey Report Series (Water Bodies)" on page 291, "Water Resources Development Studies" on page 295, "Lake Water Quality Surveys Computer File" on page 326, "Observation Well Network Manual File" on page 348, "Routine Water Quality Monitoring of Major River Systems in Alberta Computer File" on page 355, "Springs of Alberta Computer File" on page 365, "Surface Water Data - Alberta (Manual File)" on page 366, "Water Diversion Licences Computer File" on page 371, "Water Well Drilling Reports Manual File" on page 372, and "Water Well Information Manual File (Earth Sciences Division)" on page 373.

FILE SIZE : 30 reports

PROJECT DURATION : 1978-1981

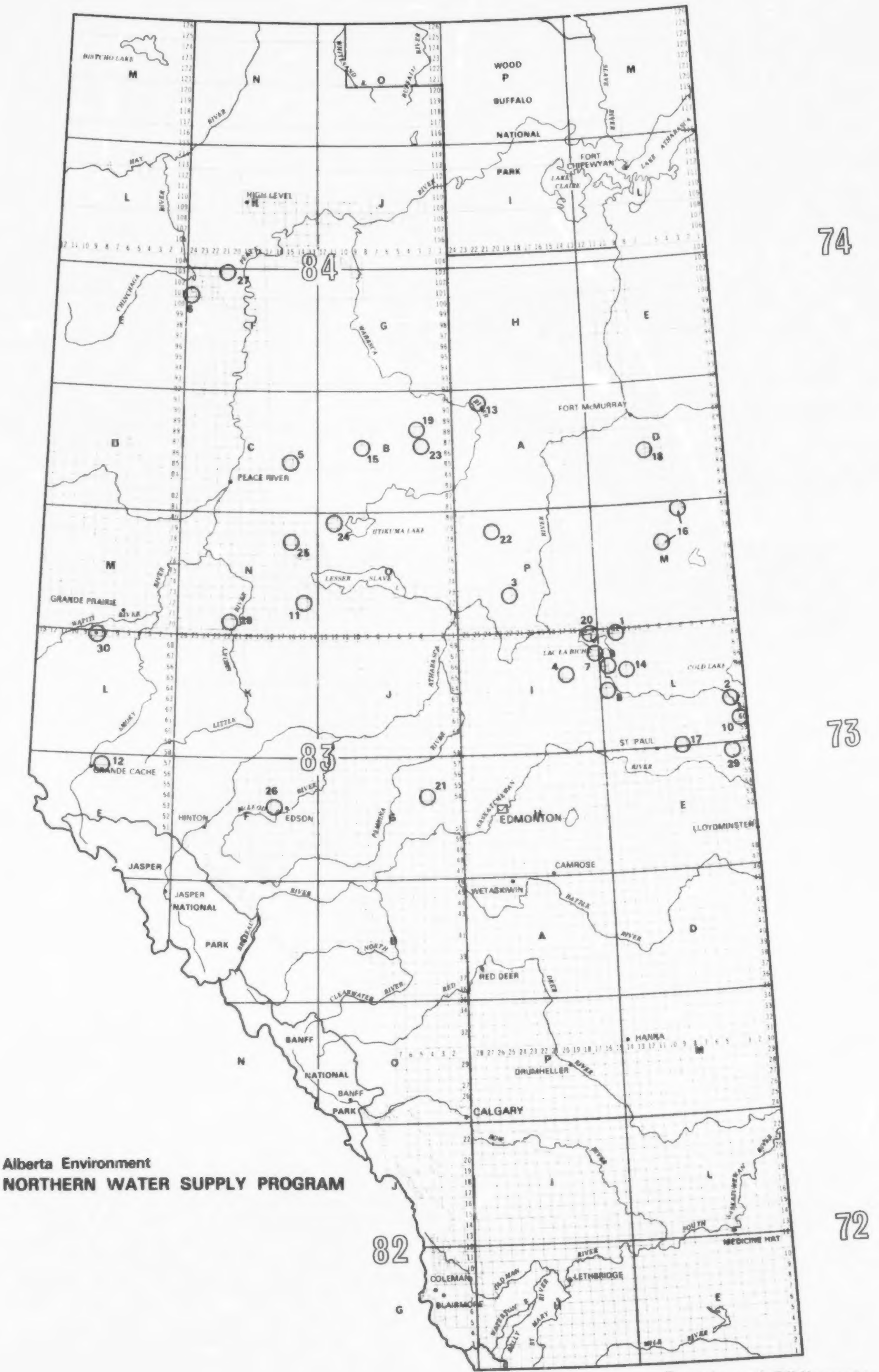
SOURCE : Alberta Environment, Earth Sciences Division.

LOCATION : Water supply reports (some are on microfiche), may be viewed at:

Alberta Environment Library
14th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5870

For additional information on groundwater resources in Alberta, contact:

Groundwater Resources Information
Services, Hydrology Branch
Earth Sciences Division
Alberta Environment
4th Fl., Energy Square
10109-106th Street
Edmonton, Alberta
T5J 1H3 (403) 427-4483
or (403) 427-4484


BISTCHO LAKE
WOOD
BUFFALO
NATIONAL
PARK
HAY RIVER
SLAVE RIVER
HIGH LEVEL
FORT CHIPEWYAN
LAKE CLAIRE
LAKE ATHABASCA
PEACE RIVER
CHINCHAGA
WABASCA
FORT McMURRAY
UTIKUMA LAKE
LESSER SLAVE L.
GRANDE PRAIRIE
WAPITI RIVER
SMOKY RIVER
LITTLE SMOKY
ATHABASCA RIVER
LAC LA BICHE
COLD LAKE
ST PAUL
GRANDE CACHE
HINTON
McLEOD RIVER
EDSON
PEMBINA
EDMONTON
LLOYDMINSTER
CAMROSE
WETASKIWIN
BATTLE RIVER
JASPER
JASPER NATIONAL PARK
NORTH
CLEARWATER RIVER
RED DEER
RED DEER RIVER
HANNA
DRUMHELLER
BANFF
BANFF NATIONAL PARK
CALGARY
BOW RIVER
SOUTH SASKATCHEWAN RIVER
MEDICINE HAT
COLEMAN
BLAIRMORE
OLDMAN RIVER
WATERTON
BELLY
ST MARY RIVER
LETHBRIDGE
MILK RIVER
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Alberta Environment
NORTHERN WATER SUPPLY PROGRAM

OCCASIONAL PAPERS (WILDLIFE) SERIES

DETAILS : A series of papers examining the relationships that exist between hunters, wildlife and the environment.

For related information refer to "Fish Resource Maps" on page 124, "Land Capability for Ungulates" on page 149, "Land Capability for Furbearers" on page 146, "Land Capability - Sport Fish" on page 148, "Land Capability for Waterfowl" on page 150, "Wildlife Key Area Maps" on page 210, "Big Game Reports" on page 225, "Canadian Wildlife Service Manuscripts" on page 227, "Habitat Development Report Series" on page 245, "Management Report Series (Fish)" on page 256, "Miscellaneous Species Reports" on page 257, "Research Report Series (Fish)" on page 283, "Wildlife Management Series" on page 296, "Commercial Fish Catch Statistics Manual File" on page 314, "Compulsory Registration (Wildlife Harvest) Statistics Computer File" on page 315, and "Fish Planting Statistics Manual File" on page 318.

FILE SIZE : 3 reports

PROJECT DURATION : 1970-1972

SOURCE : Alberta Energy and Natural Resources, Fish and Wildlife Division.

LOCATION : Reports are available for viewing at:

Faculty of Extension
Corbett Hall
University of Alberta
82nd Avenue and 112th Street
Edmonton, Alberta
T6G 2G4 (403) 432-3029

or

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

PEACE-ATHABASCA DELTA PROJECT STUDIES

DETAILS : A collection of papers by the Peace-Athabasca Delta Project Group on the environmental baseline conditions of the Peace-Athabasca delta region of northeastern Alberta.

For related information refer to "Integrated Resource Inventories" on page 141, "Alberta Environmental Centre Reports" on page 218, "Environmental Impact Assessment and Information Documents" on page 233, "Environmental Research and Development Reports" on page 235, "Integrated Resource Planning Projects" on page 247, "Restoration of Water Levels in the Peace-Athabasca Delta" on page 285, "River Basin Studies" on page 286, "Syncrude Environmental Research Monographs" on page 292, "Syncrude Professional Papers" on page 293, "Water Resources Development Studies" on page 295, and "Routine Water Quality Monitoring of Major River Systems in Alberta Computer File" on page 355.

FILE SIZE : 15 papers

PROJECT DURATION : 1971-1975

SOURCE : Peace-Athabasca Delta Project Group (federal/interprovincial group).

LOCATION : Reports are available for viewing at:

Alberta Environment Library
14th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5870

EDMONTON
CALGARY

PHASE III FOREST INVENTORY INFORMATION REPORTS

DETAILS : Thirty different types of information reports are available giving age class breakdown, area of productive land, volume of coniferous timber etc. These reports will be available for most of the forested crown land in Alberta.

For related information refer to "Alberta 1:50 000 Provincial Resource Base Map Series (Planimetric and Forest Cover)" on page 77, "Alberta 1:190 080 Provincial Forest Reserve (Topographical) Maps" on page 82, "Forest Inventory Mapping" on page 129, "Integrated Resource Inventories" on page 141, "Land Capability for Forestry" on page 145, "Range Allotment Maps" on page 176, "Special Ecological Studies" on page 193, "Environmental Effects of Forestry Operations in Alberta" on page 231, "AFORISM - Alberta Forest Inventory Storage and Maintenance" on page 301. "Forest Fire Computer File" on page 320, and "Forest Reserve Grazing Records Manual File" on page 321.

FILE SIZE : N/A

PROJECT DURATION : Ongoing

FREQUENCY OF UPDATE : 1 - 5 years

SOURCE : Timber Management Branch, Alberta Forest Service.

LOCATION : Information is available from:

Timber Management Branch
Alberta Forest Service
Alberta Energy and Natural Resources
8th Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-8401

POLLUTION REPORT SERIES

DETAILS : A series of pollution reports on various rivers in Alberta. The effects of pollution upon stream quality and fishery resources are examined for the Oldman, Bow, Red Deer, North Saskatchewan and Wapiti rivers.
For related information refer to "Environmental Impact Assessment and Information Documents" on page 233, "Environmental Research and Development Reports" on page 235, and "Management and Disposal of Hazardous Waste in Alberta" on page 255.

FILE SIZE : 5 rivers

PROJECT DURATION : 1970-1978

SOURCE : Alberta Energy and Natural Resources, Fish and Wildlife Division, Fisheries Management Branch.

LOCATION : Copies of reports are available only for scientific or educational purposes. Reports may be viewed at:

Faculty of Extension
Corbett Hall
University of Alberta
82nd Avenue and 112th Street
Edmonton, Alberta
T6G 2G4 (403) 432-3029

PROJECT LOCATION REPORTS (ROADS)

DETAILS : This collection of reports investigates proposed routes for various primary and secondary road locations throughout Alberta and makes recommendations concerning the type and location of such roads.

For related information refer to "Alberta 1:250 000 Provincial Access Series" on page 85, "Alberta Roads : Environmental Design Guidelines" on page 224, and "Visual Design Workbook" on page 294.

FILE SIZE : 240 + reports

PROJECT DURATION : 1965-

FREQUENCY OF UPDATE : Annually

SOURCE : Alberta Transportation, Operational Design Branch.

LOCATION : Reports are available for viewing at:

Transportation Library
Main Fl., Atria Bldg.
4999-98th Avenue
Edmonton, Alberta
T6B 2X3 (403) 427-8802
or (403) 427-8803

PROVINCIAL MUSEUM OF ALBERTA PUBLICATIONS

DETAILS : A series of special publications produced in a glossy format intended for sale. A listing of titles is available through the bookshop.

For related information refer to "Archaeological Survey of Alberta : Occasional Papers" on page 224, "Natural History information Series - Provincial Museum of Alberta" on page 273, "Natural History Occasional Papers - Provincial Museum of Alberta" on page 273, "Natural History Reference Lists - Provincial Museum of Alberta" on page 274, and "Natural History Systematic Research Collections : Provincial Museum of Alberta" on page 329.

FILE SIZE : 5 publications

PROJECT DURATION : 1967-

FREQUENCY OF UPDATE : N/A

SOURCE : Provincial Museum of Alberta Bookshop.

LOCATION : The publications are available at:

Bookshop
Provincial Museum of Alberta
Alberta Culture
12845-102nd Avenue
Edmonton, Alberta
T5N 0M6 (403) 427-1731

RECREATION STUDIES IN SELECTED ALBERTA COMMUNITIES

DETAILS : A collection of reports summarizing surveys of interests, activities, and opportunities for recreation in the following communities in Alberta: Calgary, Coaldale, Crowsnest Pass, Edmonton, Grande Prairie, Lethbridge, Red Deer, Taber, Slave Lake, High Prairie and Wetaskiwin.

For related information refer to "Land Capability for Outdoor Recreation" on page 147, "Land Use and Zoning Maps" on page 160, "Present Land Use Map" on page 173, "Alberta Land Use Forum" on page 219, "Canoe Alberta : A Guide To Alberta's Rivers" on page 228, and "Provincial Parks Inventory Manual File" on page 349.

FILE SIZE : 11 reports

PROJECT DURATION : 1968-1973

SOURCE : Alberta Culture.

LOCATION : Reports are available for viewing at:

Library
Alberta Recreation and Parks
7th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-7638

REGIONAL AND RURAL PLANNING PROGRAMS

DETAILS : Regional and rural planning programs are currently being undertaken and a number of reports are available for the following areas in Alberta:

1. Cold Lake Region
2. Improvement District No. 17
3. Improvement District No. 18
4. County No. 9 - Beaver
5. County No. 12 - Athabasca
6. County No. 24 - Vermilion River
7. County No. 27 - Minburn
8. County No. 30 - Lamont
9. M.D. No. 52 - Provost
10. M.D. No. 92 - Westlock

For related information refer to "Alberta 1:1 000 Cadastral Base Series" on page 67, "Alberta 1:2 400 and 1:7 200 Cadastral Map Series" on page 68, "Alberta 1:5 000 Cadastral Map Series" on page 69, "Alberta 1:5 000 Cadastral Orthophoto Contour Base Map Series" on page 71, "Alberta 1:5 000 Orthophoto Contour Base Map Series" on page 73, "Alberta 1:7 200 Cadastral Index Map Series" on page 75, "Integrated Resource Planning Projects" on page 247, "Lake Planning Program" on page 250, and "Municipal Planning Information" on page 260.

FILE SIZE : 10 areas (various reports)

PROJECT DURATION : 1977-

SOURCE : Alberta Municipal Affairs, Regional Planning Section.

LOCATION : Published reports are available from:

Forms Duplicating and Stock Advance
Central Services Branch
Alberta Municipal Affairs
4th Fl., Jarvis Bldg.
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-4880

For additional information regarding regional and rural planning contact:

Planning Branch
Alberta Municipal Affairs
7th Fl., Jarvis Bldg.
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-2910

RESEARCH REPORT SERIES (FISH)

DETAILS : A series of research reports outlining the fishery resources of various water bodies in Alberta.

For related information refer to "Fish Resource Maps" on page 124, "Land Capability - Sport Fish" on page 148, "Wildlife Key Area Maps" on page 210, "Canadian Wildlife Service Manuscripts" on page 227, "Habitat Development Report Series" on page 245, "Management Report Series (Fish)" on page 256, "Miscellaneous Species Reports" on page 257, "Occasional Papers (Wildlife) Series" on page 278, "Wildlife Management Series" on page 296, "Commercial Fish Catch Statistics Manual File" on page 314, "Compulsory Registration (Wildlife Harvest) Statistics Computer File" on page 315, and "Fish Planting Statistics Manual File" on page 318.

FILE SIZE : 26 reports

PROJECT DURATION : 1968-

SOURCE : Alberta Energy and Natural Resources, Fish and Wildlife Division, Fisheries Management Branch.

LOCATION : Copies of reports are available only for scientific or educational purposes. Reports may be viewed at:

Fisheries Management Branch
Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6730

or

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

RESOURCE ASSESSMENT STUDIES

DETAILS : Resource assessment studies have been conducted and reports are available for the following areas: Wainwright, Rumsey, Neutral Hills, and Hilliard's Bay.

For related information refer to "Foothills Resource Allocation Studies" on page 125, "Resource Impact Assessment Overlay Program" on page 182, "Integrated Resource Planning Projects" on page 247, and "River Valley Resource Analysis" on page 290.

FILE SIZE : 4 studies

PROJECT DURATION : 1976

SOURCE : Alberta Recreation and Parks, Finance and Administration Division.

LOCATION : Reports are available for viewing at:

Library
Alberta Recreation and Parks
7th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-7638

RESTORATION OF WATER LEVELS IN COOKING AND HASTING LAKES

DETAILS : A series of information bulletins, proceedings, reports, and recommendations on the proposal to restore water levels in Cooking and Hastings lakes.

For related information refer to "Lake Planning Program" on page 250, "Northern Water Supply Program" on page 275, "Restoration of Water Levels in the Peace-Athabasca Delta" on page 285, "Survey Report Series (Water Bodies)" on page 291, and "Water Resources Development Studies" on page 295.

FILE SIZE : 6 reports

PROJECT DURATION : 1971

SOURCE : Environment Council of Alberta.

LOCATION : Information, bulletins, proceedings, reports and recommendations may be viewed at:

Library
Environment Council of Alberta
8th Fl., Weber Centre
5555-Calgary Trail South
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

RESTORATION OF WATER LEVELS IN THE PEACE-ATHABASCA DELTA

DETAILS : A collection of information bulletins, reports and recommendations on the restoration of water levels in the Peace-Athabasca Delta Region of northeastern Alberta.

For related information refer to "Lake Planning Program" on page 250, "Northern Water Supply Program" on page 275, "Peace-Athabasca Delta Project Studies" on page 278, "Restoration of Water Levels in Cooking and Hasting Lakes" on page 284, "Survey Report Series (Water Bodies)" on page 291, and "Water Resources Development Studies" on page 295.

FILE SIZE : 6 reports

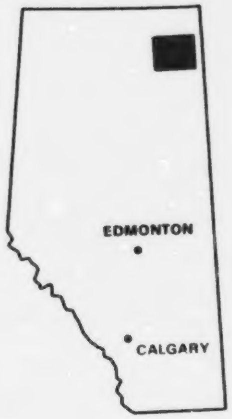
PROJECT DURATION : 1972-1974

SOURCE : Environment Council of Alberta.

LOCATION : Copies are available at:

Library
Environment Council of Alberta
8th Fl., Weber Centre
5555-Calgary Trail South
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.



RISK ANALYSIS REPORTS

DETAILS : The information contained in these reports provides background information for planning and designing systems; and for the evaluation of agro-climatic resource development potential for areas where the climatological station records are available.

Reports are available for: Edmonton, Fort Vermilion, Lacombe, Lethbridge, Manyberries and Medicine Hat.

For related information refer to "Agroclimatic Zones of Alberta" on page 65, "Maintaining and Expanding the Agricultural Land Base in Alberta" on page 254, "Meteorological Analysis Reports" on page 257, "Alberta Environment Real Time Hydrometeorological Network Computer File" on page 300, "Climate Inventory and Appraisal Records Computer File" on page 309, and "Climatological Records Computer File" on page 311.

FILE SIZE : 6 reports

PROJECT DURATION : 1968

SOURCE : Agriculture Canada, Agrometeorology Section.

LOCATION : Reports are available for viewing at:

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

RIVER BASIN STUDIES

DETAILS : A collection of river basin studies in which some studies are directed toward investigating the feasibility of major water resource management projects while others are framework studies designed to establish the stategy and priorities for water resource development, control and protection in a particular river basin.

1. Battle River Basin
2. Beaverlodge River Basin
3. Buffalo Lake
4. Cooking Lake
5. Dunvegan Hydro Power Site
6. Milk River Basin
7. Oldman River Basin
8. Paddle River Basin
9. Red Deer River Basin
10. Sturgeon River Basin
11. Vermilion River Basin

Studies in progress include:

1. Buffalo Bay - Horse Lakes
2. Cold Lake - Beaver River Basin
3. Fort McMurray Flood Control Study
4. Little Bow River Basin
5. McLeod River Basin
6. Peace-Athabasca Delta
7. Slave River Basin
8. South Saskatchewan River Basin[54]
9. Special Areas
10. Whiteford Lake

Studies have been initiated for:

1. Athabasca River Basin
2. MacKenzie River Basin[55]
3. North Saskatchewan River Basin
4. Peace River Basin
5. Willow Creek Basin

For related information refer to "Flood Control and Water Management in the Paddle River Basin" on page 236, "Flood Plain Studies" on page 237, "Flow Regulation of the Red Deer River" on page 240, "Management of Water Resources Within the Oldman River Basin" on page 255, "Miscellaneous Streamflow Data" on page 258, "Northern Water Supply Program" on page 275, "Peace-Athabasca Delta Project Studies" on page 278, "Restoration of Water Levels in Cooking and Hasting Lakes" on page 284, "Restoration of Water Levels in the Peace-Athabasca Delta" on page 285, and "Survey Report Series (Water Bodies)" on page 291.

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[54] Including the Red Deer, Bow, Oldman and South Saskatchewan river basins.

[55] This is a general overview dealing with the MacKenzie in the Northwest Territories and is a joint study between Alberta, Saskatchewan and the Northwest Territories.

COMPLETED REPORTS

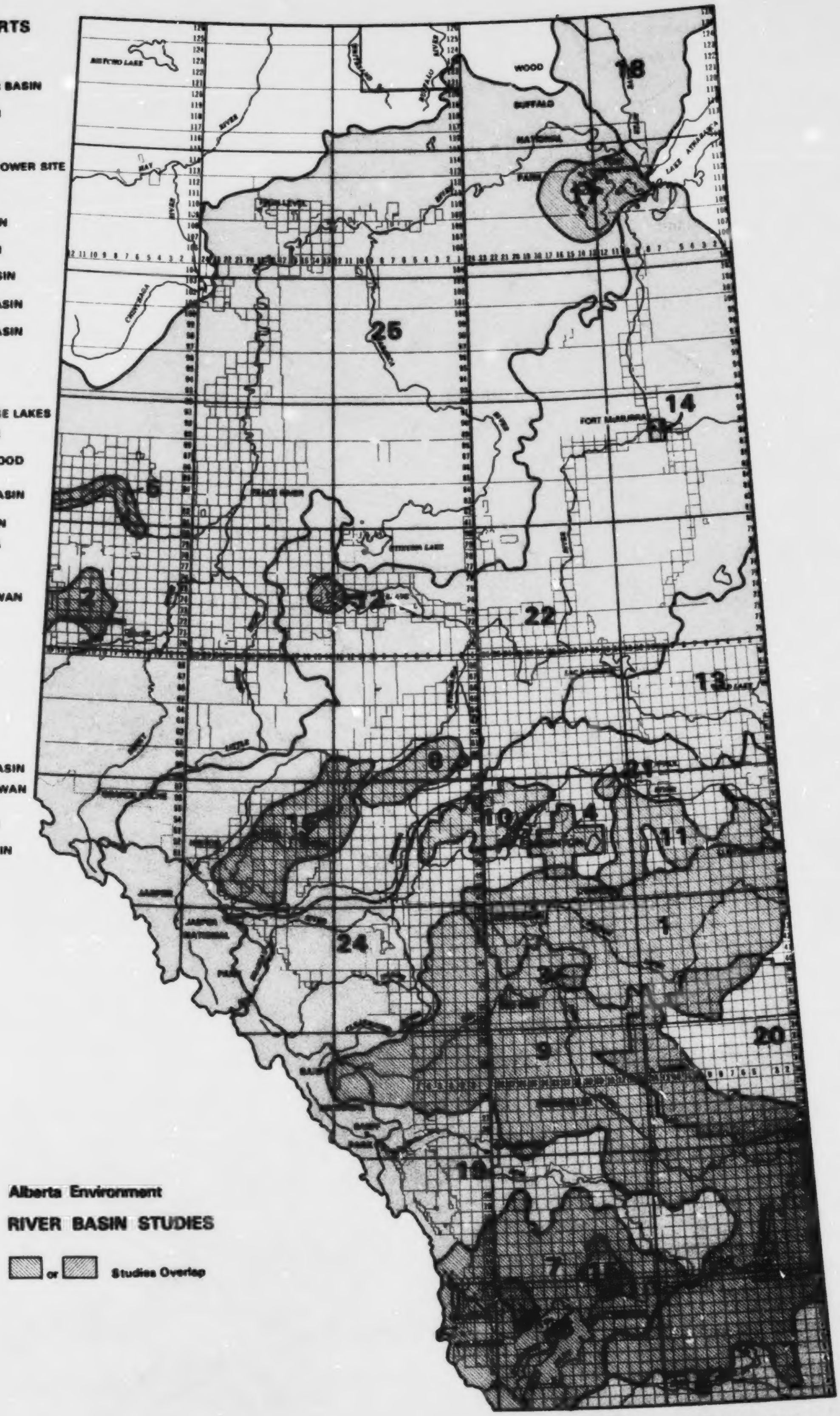
1	BATTLE RIVER BASIN
2	BEAVERLODGE RIVER BASIN
3	BUFFALO LAKE BASIN
4	COOKING LAKE
5	DUNVEGAN HYDRO POWER SITE
6	MILK RIVER BASIN
7	OLDMAN RIVER BASIN
8	PADDLE RIVER BASIN
9	RED DEER RIVER BASIN
10	STURGEON RIVER BASIN
11	VERMILION RIVER BASIN

IN PROGRESS

12	BUFFALO BAY - HORSE LAKES
13	COLD LAKE - BEAVER RIVER BASIN
14	FORT McMURRAY FLOOD CONTROL STUDY
15	LITTLE BOW RIVER BASIN
16	McLEOD RIVER BASIN
17	PEACE - ATHABASCA DELTA
18	SLAVE RIVER BASIN
19	SOUTH SASKATCHEWAN RIVER BASIN
20	SPECIAL AREAS
21	WHITEFORD LAKE

INITIATED

22	ATHABASCA RIVER BASIN
23	MacKENZIE RIVER BASIN
24	NORTH SASKATCHEWAN RIVER BASIN
25	PEACE RIVER BASIN
26	WILLOW CREEK BASIN


BUFFALO LAKE
WOOD
BUFFALO
NATIONAL
PARK
LAKE ATHABASCA
FORT McMURRAY
PEACE RIVER
JASPER
JASPER NATIONAL PARK
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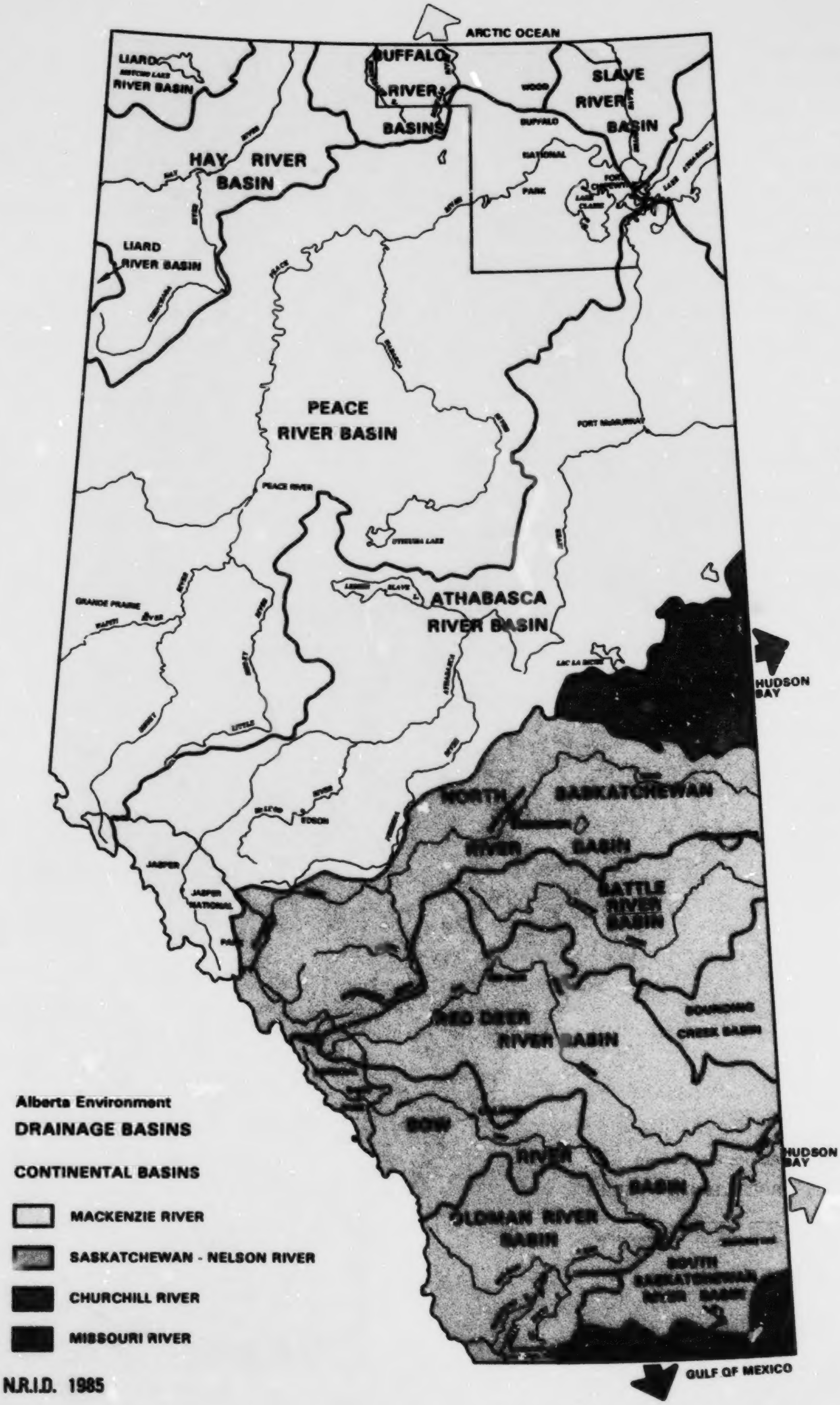
Alberta Environment

RIVER BASIN STUDIES

▨ or ▨ Studies Overlap


ARCTIC OCEAN
LIARD RIVER BASIN
BUFFALO RIVER BASINS
SLAVE RIVER BASIN
WOOD
BUFFALO
NATIONAL
PARK
FORT CHIPEWYAN
LAKE CLAIRE
LAKE ATHABASCA
HAY RIVER BASIN
HAY
RIVER
LIARD RIVER BASIN
PEACE RIVER BASIN
FORT McMURRAY
PEACE RIVER
UTIKUMA LAKE
LESSER SLAVE L.
ATHABASCA RIVER BASIN
GRANDE PRAIRIE
WAPITI RIVER
LAC LA BICHE
HUDSON BAY
LITTLE
EDSON
JASPER
JASPER NATIONAL PARK
NORTH SASKATCHEWAN RIVER BASIN
BATTLE RIVER BASIN
RED DEER RIVER BASIN
SOUNDING CREEK BASIN
BOW RIVER BASIN
HUDSON BAY
OLDMAN RIVER BASIN
SOUTH SASKATCHEWAN RIVER BASIN
GULF OF MEXICO
Alberta Environment
DRAINAGE BASINS
CONTINENTAL BASINS
MACKENZIE RIVER
SASKATCHEWAN - NELSON RIVER
CHURCHILL RIVER
MISSOURI RIVER

FILE SIZE : 26 studies

PROJECT DURATION : 1972-

SOURCE : Alberta Environment, Planning Division.

LOCATION : Published reports may be viewed at:

Alberta Environment Library
14th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5870

RIVER CHANNEL STUDIES

DETAILS : Studies conducted on river channels with particular emphasis at stream crossings are kept on file. Descriptions on file include reference to bed configuration, depth of water, rate of flow, type and size of bed materials, channel slope and erosion potential.

For related information refer to "Erosion of Land in Northwestern Alberta" on page 236, "River Basin Studies" on page 286, and "Sediment Data Manual File" on page 360.

FILE SIZE : 20 studies

PROJECT DURATION : 1960's-

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Environment, Technical Services Division, River Engineering Branch.

LOCATION : The files are available for viewing at:

Alberta Environment Library
14th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5870

RIVER VALLEY RESOURCE ANALYSIS

DETAILS : The North Saskatchewan River Valley and Ravine System was inventoried to identify recreational facilities, programs, use levels, recreation and leisure trends and the ability to sustain various recreational activities and development problems. This data base (report with accompanying inventory maps) will allow planners to identify lands within the river valley and the associated ravines that have the capability/suitability for recreational use. This study is an indepth extension of the "Biophysical River Valley Studies" on page 226.

For related information refer to "Land Classification Studies - Ecological" on page 152.

FILE SIZE : 1 report

PROJECT DURATION : 1980-1983

SOURCE : Parks and Recreation Department, City of Edmonton.

LOCATION : Final reports may be viewed at:

Capital Planning Section
Parks and Recreation Department
City of Edmonton
9th Fl., CN Tower
10004-104th Avenue
Edmonton, Alberta
T5K 0K1 (403) 428-3544

SOIL IRRIGABILITY REPORTS

DETAILS : A series of reports has been prepared for the Sturgeon River Basin, Red Deer River Project and the South Saskatchewan River Basin. The objectives of these studies were to sample specific soil types, and to characterize physical and chemical properties pertinent to the irrigation capabilitiy of the particular soil. Accompanying these reports are a number of general irrigation reports.

For related information refer to "Exploratory Soil Survey Series" on page 122, "Land (Soil) Capability for Agriculture" on page 144, "Reconnaissance Soil Survey Map Series" on page 178, "Soils Mapping - AOSERP" on page 188, "Soil Survey of Urban Areas and Areas Adjacent to Urban Centres" on page 189, and "Solonetzic Soils of Alberta" on page 192.

FILE SIZE : 33 reports

PROJECT DURATION : 1964-

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Environment, Earth Sciences Division.

LOCATION : Information regarding reports may be obtained from:

Soils Branch
Earth Sciences Division
Alberta Environment
14th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-6190

SURVEY REPORT SERIES (WATER BODIES)

DETAILS : Biological surveys of various water bodies in Alberta are outlined in this series of survey reports.

For related information refer to "Fish Resource Maps" on page 124, "Land Capability - Sport Fish" on page 148, "Land Capability for Waterfowl" on page 150, "Canadian Wildlife Service Manuscripts" on page 227, "Habitat Development Report Series" on page 245, "Lake Planning Program" on page 250, "Management of Water Resources Within the Oldman River Basin" on page 255, "Management Report Series (Fish)" on page 256, "Miscellaneous Species Reports" on page 257, "Occasional Papers (Wildlife) Series" on page 278, "Research Report Series (Fish)" on page 283, "Wildlife Management Series" on page 296, "Commercial Fish Catch Statistics Manual File" on page 314, and "Fish Planting Statistics Manual File" on page 318.

FILE SIZE : 26 surveys

PROJECT DURATION : 1968-

SOURCE : Alberta Energy and Natural Resources, Fish and Wildlife Division, Fisheries Management Branch.

LOCATION : Copies of reports are available only for scientific or educational purposes. Reports may be viewed at:

Fisheries Management Branch
Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6730

or

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

SYNCRUDE ENVIRONMENTAL RESEARCH MONOGRAPHS

DETAILS : A series of research reports by private consulting companies on experiments initiated by Syncrude Canada Ltd. The monographs provide environmental baseline data for the Syncrude lease near Fort McMurray, Alberta.

For related information refer to "Energy Resources Conservation Board (ERCB) Maps" on page 117, "Resource Impact Assessment Overlay Program" on page 182, "Environmental Impact Assessment and Information Documents" on page 233, "Environmental Research and Development Reports" on page 235, "Pollution Report Series" on page 280, "Syncrude Professional Papers" on page 293, "Energy Resources Conservation Board (ERCB) Computer Files" on page 317, and "Natural Resources and Land-Related Data Bases" on page 330.

FILE SIZE : 33 reports

PROJECT DURATION : 1973-

SOURCE : Syncrude Canada Ltd.

LOCATION : For information on the availability of the Syncrude Environmental Research monographs, contact:

Environmental Affairs Department
Syncrude Canada Ltd.
11th Floor, Seventh Street Plaza
10030-107th Street
Edmonton, Alberta
T5J 3E5 (403) 429-9110

EDMONTON
CALGARY

Monographs may be viewed at:

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

SYNCRUDE PROFESSIONAL PAPERS

DETAILS : A series of professional papers dealing with the following subjects for the Syncrude lease near Fort McMurray, Alberta: meteorology, wildlife and wildlife habitat, vegetation, and socio-economic assessment of the Syncrude project.

For related information refer to "Energy Resources Conservation Board (ERCB) Maps" on page 117, "Resource Impact Assessment Overlay Program" on page 182, "Environmental Impact Assessment and Information Documents" on page 233, "Environmental Research and Development Reports" on page 235, "Pollution Report Series" on page 280, "Syncrude Environmental Research Monographs" on page 292, "Energy Resources Conservation Board (ERCB) Computer Files" on page 317, and "Natural Resources and Land-Related Data Bases" on page 330.

FILE SIZE : 33 papers

PROJECT DURATION : 1976-

SOURCE : Syncrude Canada Ltd.

LOCATION : The Syncrude Professional Papers are available from:

Environmental Affairs Department
Syncrude Canada Ltd.
11th Floor, Seventh Street Plaza
10030-107th Street
Edmonton, Alberta
T5J 3E5 (403) 429-9110

Papers may be viewed at;

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

THE USE OF PESTICIDES AND HERBICIDES IN ALBERTA

DETAILS : A series of information bulletins, reports, and recommendations on the use of pesticides, fungicides, insecticides, herbicides and vertebrate poisons in Alberta.

For related information refer to "Environmental Impact Assessment and Information Documents" on page 233, "Environmental Research and Development Reports" on page 235, "Management and Disposal of Hazardous Waste in Alberta" on page 255, "Pollution Report Series" on page 280, and "Natural Resources and Land-Related Data Bases" on page 330.

FILE SIZE : 8 reports

PROJECT DURATION : 1974-1976

SOURCE : Environment Council of Alberta.

LOCATION : Copies are available at:

Library
Environment Council of Alberta
8th Fl., Weber Centre
5555-Calgary Trail South
Edmonton, Alberta
T6H 5P9 (403) 427-5811

A bibliography of available publications is available from the above address.

VISUAL DESIGN WORKBOOK

DETAILS : A resource workbook intended for highway administrators and design engineers in order that they incorporate aesthetic factors in highway planning.

For related information refer to "Alberta 1:250 000 Provincial Access Series" on page 85, "Alberta Roads : Environmental Design Guidelines" on page 224, and "Project Location Reports (Roads)" on page 280.

FILE SIZE : 1 report

PROJECT DURATION : N/A

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Transportation, Operational Design Branch.

LOCATION : A reference copy of the workbook is available at:

Transportation Library
Main Fl., Atria Bldg.
4999-98th Avenue
Edmonton, Alberta
T6B 2X3 (403) 427-8802
or (403) 427-8803

WATER RESOURCES DEVELOPMENT STUDIES

DETAILS : A collection of reports on water resource development in Alberta.

For related information refer to "Resource Impact Assessment Overlay Program" on page 182, "Environmental Impact Assessment and Information Documents" on page 233, "Environmental Research and Development Reports" on page 235, "Habitat Development Report Series" on page 245, "Lake Planning Program" on page 250, "Management of Water Resources Within the Oldman River Basin" on page 255, "Pollution Report Series" on page 280, "Survey Report Series (Water Bodies)" on page 291, "Lake and Reservoir Area and Capacity Manual File" on page 325, "Natural Resources and Land-Related Data Bases" on page 330, "Springs of Alberta Computer File" on page 365, and "Surface Water Data - Alberta (Manual File)" on page 366.

FILE SIZE : 10 reports

PROJECT DURATION : 1979

SOURCE : Conference on Alberta Water Resources, Present and Future, Red Deer, 1979.

LOCATION : Reports are available for viewing at:

Municipal Affairs Library
9th Fl., Jarvis Bldg.
9925-107th Street
Edmonton, Alberta
T5K 2H9 (403) 427-4829
or (403) 427-4850

WILDLIFE MANAGEMENT SERIES

DETAILS : A series of reports on wildlife management in Alberta describing wildlife resources, harvest regulations, and wildlife management practices and problems.

For related information refer to "Fish Resource Maps" on page 124, "Land Capability - Sport Fish" on page 148, "Land Capability for Ungulates" on page 149, "Land Capability for Waterfowl" on page 150, "Land Capability for Furbearers" on page 146, "Wildlife Key Area Maps" on page 210, "Big Game Reports" on page 225, "Canadian Wildlife Service Manuscripts" on page 227, "Game Bird Reports" on page 240, "Management Report Series (Fish)" on page 256, "Miscellaneous Species Reports" on page 257, "Occasional Papers (Wildlife) Series" on page 278, "Research Report Series (Fish)" on page 283, "Commercial Fish Catch Statistics Manual File" on page 314, and "Compulsory Registration (Wildlife Harvest) Statistics Computer File" on page 315.

FILE SIZE : 9 reports

PROJECT DURATION : 1972-1975

SOURCE : Alberta Energy and Natural Resources, Fish and Wildlife Division. Wildlife Management Branch.

LOCATION : Reports are available for viewing at:

Faculty of Extension
Corbett Hall
University of Alberta
82nd Avenue and 112th Street
Edmonton, Alberta
T6G 2G4 (403) 432-3029

or

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

RESOURCE FILES AND DATA BASES

AERIAL PHOTOGRAPHY

DETAILS : Provincial aerial photography is available for the entire province of Alberta from 1949. For information on LANDSAT imagery refer to "Satellite Imagery" on page 358.[56]

For related information refer to "Airborne Gamma Ray Spectrometry" on page 66, "Alberta 1:5 000 Orthophoto Topographic Map Series" on page 74, "Geophysical Series (Aeromagnetic Maps)" on page 132, and "Provincial Parks : Topographic Maps, Aerial Photographs and Mosaics" on page 174.

FILE SIZE : N/A

PROJECT DURATION : 1949-

SOURCE : Alberta Energy and Natural Resources, Alberta Bureau of Surveying and Mapping and various contractors.

LOCATION : For a complete listing of all available aerial photography flown in Alberta, consult **Aerial Photography Project Index**, available from:

Distribution Services
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
2nd Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-3520

Information for LANDSAT imagery is available from:

Alberta Remote Sensing Centre
Alberta Environment
11th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-2381

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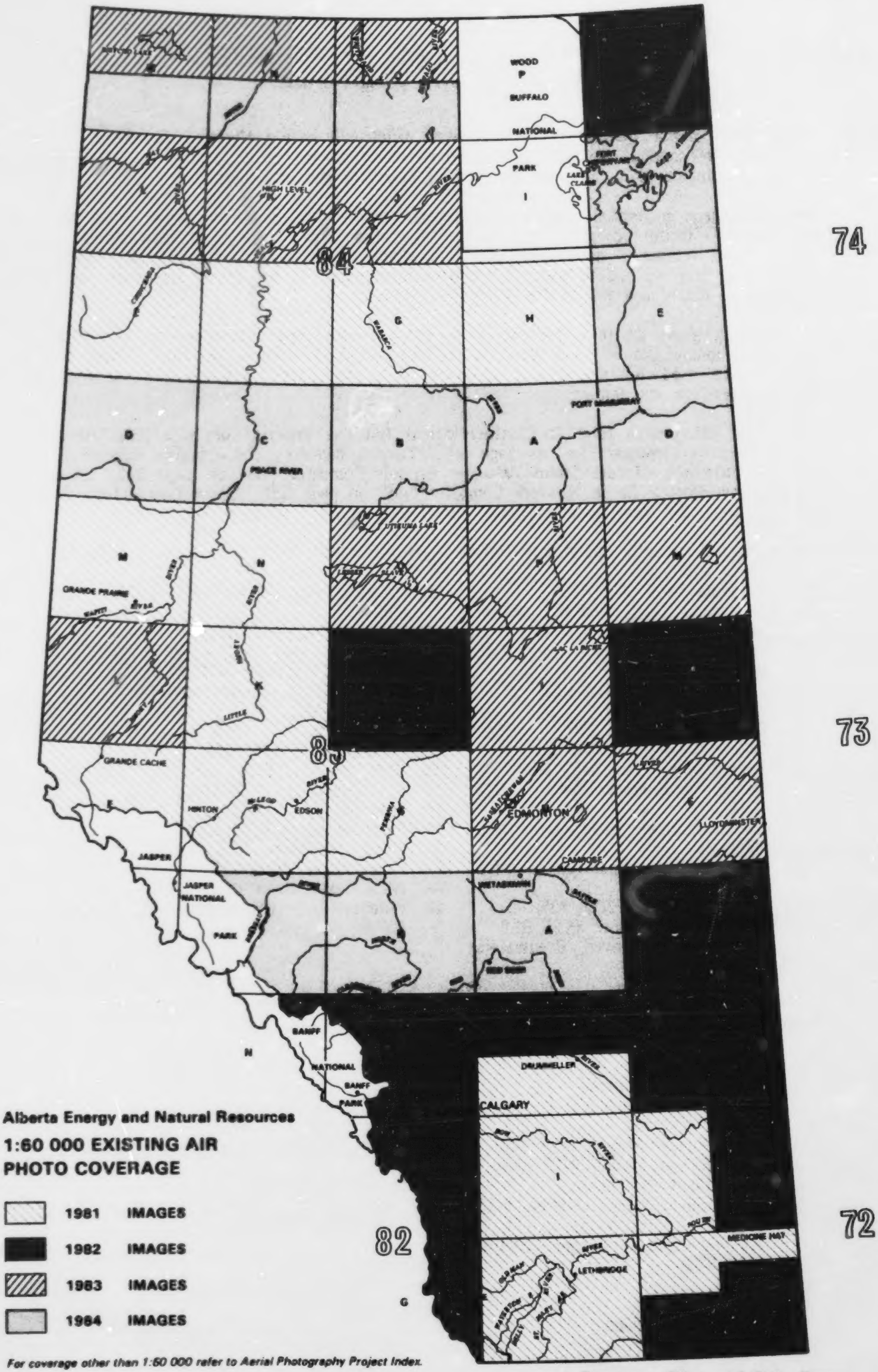
[56] Federal aerial photography is available from: National Air Photo Library, 615 Booth Street, Ottawa, Ontario K1A 0E9 (613) 995-4560. However, an index of available photos is available for viewing at Distribution Services, ABSM.


WOOD
P
BUFFALO
NATIONAL
PARK
HIGH LEVEL
FORT CHIPEWYAN
LAKE CLAIRE
84
FORT McMURRAY
PEACE RIVER
UTIKUMA LAKE
LESSER SLAVE LAKE
GRANDE PRAIRIE
WAPITI RIVER
LAC LA BICHE
83
GRANDE CACHE
HINTON
EDSON
JASPER
EDMONTON
LLOYDMINSTER
CAMROSE
WETASKIWIN
JASPER NATIONAL PARK
BANFF
NATIONAL
BANFF
PARK
DRUMHELLER
CALGARY
LETHBRIDGE
MEDICINE HAT
82
74
73
72

Alberta Energy and Natural Resources

1:60 000 EXISTING AIR PHOTO COVERAGE

☐	1981	IMAGES
■	1982	IMAGES
▨	1983	IMAGES
▩	1984	IMAGES

For coverage other than 1:60 000 refer to Aerial Photography Project Index.

ALBERTA ENVIRONMENT REAL TIME HYDROMETEOROLOGICAL NETWORK COMPUTER FILE

DETAILS : The purpose of the network is to provide data which will enable Alberta Environment to improve its flood forecasting abilities. In addition, the network will assist in establishing a hydrometeorological data base for the Eastern Slopes region of Alberta.

The parameters monitored include precipitation, temperature, humidity, wind, water-level and snow pillow (water equivalent of snow). The parameters monitored at each station vary. In many cases telemetry has been added to precipitation gauges operated by Atmospheric Environment Services and to water level stations operated by the Water Survey of Canada. Data is collected hourly and transmitted every three hours.

In remote areas where telephone service is not available, Data Collection Platforms (DCP) using the Geostationary Orbiter Earth Satellite (GOES) system have been installed. Where telephone lines can be used, micro-processor controlled telemetry units are employed. At these sites data are available on demand.

For related information refer to "Meteorological Analysis Reports" on page 257, "Alberta Hail Project Records Computer File" on page 302, "Climate Inventory and Appraisal Records Computer File" on page 309, "Forest Station Weather Records Computer File" on page 322, "Sacramento Precipitation Storage Gauge Network Computer File" on page 357, "Snow Course Data Computer File" on page 362, and "Weather Radar Data Computer File" on page 374.

Data Collection Platforms currently operational include:

1. Akamina Pass (NTS 82G)
2. Athabasca at Windfall (Water level) (NTS 83K)
3. Brazeau River (Water level) (NTS 83C)
4. Coalcamp Creek (NTS 82O)
5. Cox Hill (NTS 82J)
6. Cuthead Lake (NTS 82O)
7. Dogrib Creek (NTS 82O)
8. Fallentimber Creek (NTS 82O)
9. Forget-Me-Not-Mountain (NTS 82J)
10. Gardiner Creek Headwaters (NTS 82G)
11. James River Headwaters (NTS 82O)
12. Limestone Ridge (NTS 82G)
13. Little Elbow Summit (NTS 82J)
14. Little Paddle River Headwaters (NTS 83G)
15. Nordegg River (Water level) (NTS 83B)
16. Pasque Creek (NTS 82J)
17. Racehorse Creek (NTS 82G)
18. Red Rock-Waterton (NTS 82G)
19. Red Deer River below Burnt Timber (NTS 82O)
20. Scalp Creek (NTS 82O)
21. Scotch Camp (NTS 82O)
22. Sheep River II (NTS 82J)
23. Skoki Mountain (NTS 82N)
24. Spionkop Creek (NTS 82G)
25. Sunshine Creek (NTS 82O)
26. Three Isle Creek (NTS 82J)
27. Vicary Creek (NTS 82G)
28. West Castle River (NTS 82G)
29. Wildhay River (Water level) (NTS 83F)

Telemetry units (using telephone lines) currently in operation include:

Meteorological Stations

1. Beauvais Lake Provincial Park (NTS 82G)
2. Elbow Ranger Station (NTS 82J)
3. Ghost Ranger Station (NTS 82O)
4. Green Court (NTS 83J)
5. James River Ranger Station (NTS 82O)
6. Jumping Pound Ranger Station (NTS 82O)
7. Lee Creek (NTS 82H)
8. Mayerthorpe (NTS 83G)
9. Paddle River Headwaters (NTS 83G)
10. Sullivan Creek (NTS 82J)
11. Sundre Ranger Station (NTS 82O)
12. Twin Lakes (NTS 83J)

Hydrometric Stations

1. Connor Creek (NTS 83J)
2. James River-Sundre (NTS 82O)
3. Little Red Deer River (NTS 83B)
4. Medicine River (NTS 83B)
5. Oldman River at Waldron's Corners (NTS 82G)
6. Paddle River at Anselmo (NTS 83G)
7. Paddle River at Sangudo (NTS 83G)
8. Paddle River at Hwy. 764 (NTS 83J)
9. Red Deer at Drumheller (NTS 82P)
10. Trapp Creek at Longview (NTS 82J)

FILE SIZE : 51 stations

PROJECT DURATION : 1979-

SOURCE : Alberta Environment, Technical Services Division, Water Survey Section.

LOCATION : Further information on the program is available from:

Water Survey Section
Surveys Branch
Technical Services Division
Alberta Environment
10th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6279

AFORISM - ALBERTA FOREST INVENTORY STORAGE AND MAINTENANCE

DETAILS : The data contained within AFORISM is used primarily by forestry related users to determine timber volumes, maturity/age, productivity by species and location. Essentially the data base storage and reporting mechanism for the Phase III forest inventory.

For related information refer to "Alberta 1:50 000 Provincial Resource Base Map Series (Planimetric and Forest Cover)" on page 77, "Alberta 1:190 080 Provincial Forest Reserve (Topographical) Maps" on page 82, "Forage Inventory Program" on page 127, "Forest Inventory Mapping" on page 129, "Land Capability for Forestry" on page 145, "Range Allotment Maps" on page 176, "Special Ecological Studies" on page 193, "Integrated Resource Planning Projects" on page 247, "Phase III Forest Inventory Information Reports" on page 279, "Forest Fire Computer File" on page 320, "Forest Reserve Grazing Records Manual File" on page 321, "Silviculture Computer File" on page 362, and "Timber Production Records Manual File" on page 367.

FILE SIZE : 1.6 million + stand and 100 000 volume records

PROJECT DURATION : 1980-

FREQUENCY OF UPDATE : Ongoing

SOURCE : Alberta Energy and Natural Resources, Alberta Forest Service, Forest Statistics Section.

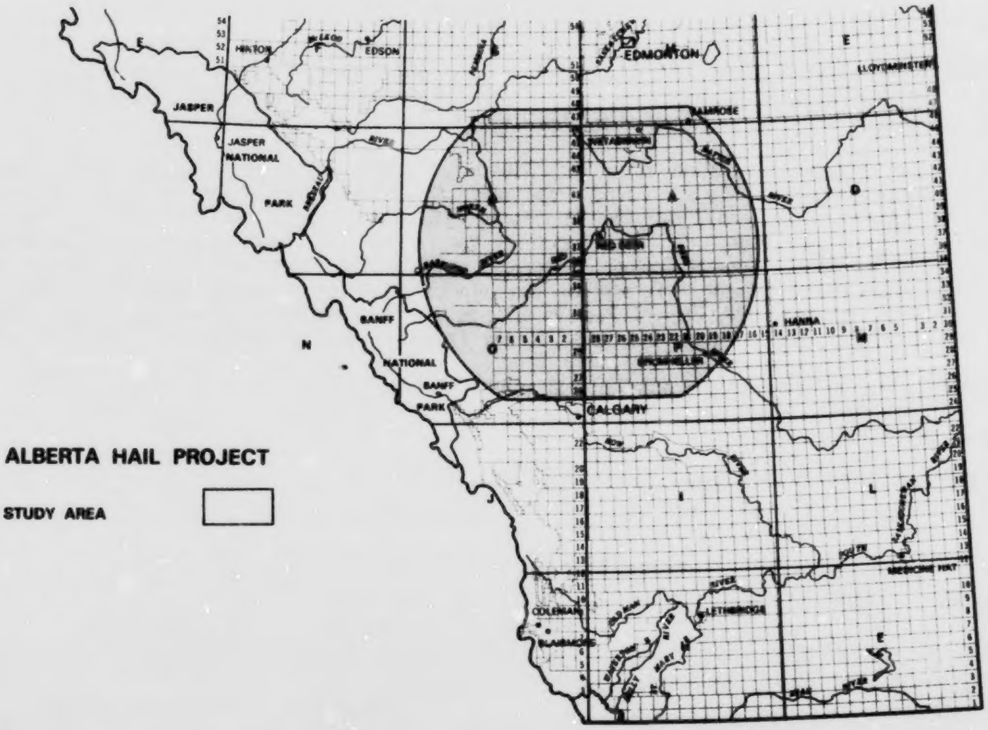
LOCATION : For more information contact:

Forest Statistics Section
Alberta Forest Service
Alberta Energy and Natural Resources
8th Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-8401

ALBERTA HAIL PROJECT RECORDS COMPUTER FILE

DETAILS : An ongoing computer-accessible file containing daily point observations for summer months of precipitation and hail occurrences with time, size and spacing from volunteer observers at 500 to 600 stations.

For related information refer to "Hail Rate Map" on page 133, "Meteorological Analysis Reports" on page 257, "Alberta Environment Real Time Hydrometeorological Network Computer File" on page 300, "Climatological Records Computer File" on page 311, "Forest Station Weather Records Computer File" on page 322, and "Weather Radar Data Computer File" on page 374.


ALBERTA HAIL PROJECT
STUDY AREA
HINTON
EDSON
EDMONTON
LLOYDMINSTER
JASPER
JASPER NATIONAL PARK
CAMROSE
RIVER
HANNA
BANFF NATIONAL PARK
BANFF
CALGARY
DRUMHELLER
MEDICINE HAT
LETHBRIDGE
COLEMAN
OLD MAN
RIVER
BOW
A
D
E
L
N
O

FILE SIZE : 75 000 + (hail records) and
20 000 + (rain records)

PROJECT DURATION : 1957-

FREQUENCY OF UPDATE : Annually

SOURCE : Alberta Research Council, Atmospheric Sciences Department

LOCATION : Computerized information is available from:

Atmospheric Sciences Department
Alberta Research Council
7th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-0555

The various studies are summarized in an annual report.

ALBERTA TOWNSHIP SURVEY COORDINATE COMPUTER FILE

DETAILS : Contained within this data base are the coordinates, in elevation, latitude and longitude, to each of the township corners. These coordinates are given for the NE, N and east quarters and for the S and SE quarters where the township is adjacent to a correct line for surveyed and unsurvey townships. These values can be used on either a 3 degree, 6 degree and 10 degree projection.

Rural areas have survey control (SC) markers positioned on an approximate spacing of 10 to 20 kilometres, while most cities, and about 40 other urban municipalities, have survey control markers positioned at 300 m to 800 m spacing.

For related information refer to "Baseline Plans" on page 93, "East Outline Plans" on page 112, "Alberta 1:250 000 Ground Control Survey Maps" on page 83, and "Township Plans" on page 207.

FILE SIZE : 734 866 + records

PROJECT DURATION : 1977-

FREQUENCY OF UPDATE : As new data becomes available (daily to weekly).

SOURCE : Alberta Energy and Natural Resources, Alberta Bureau of Surveying and and Mapping, Land Survey Branch.

LOCATION : For more information or access contact:

Land Survey Branch
Alberta Bureau of Surveying and Mapping
Alberta Energy and Natural Resources
50th Street Atria
4949-94B Avenue
Edmonton, Alberta
T6B 2T5 (403) 427-3143

ALBERTA TOWNSHIP SYSTEM RECORDS

DETAILS : The department maintains a complete set of records indicating the status and availability of public lands. The records indicate whether the land is under dispositon, reserved for a specific purpose, subject to land use restrictions, is vacant or available for application for a specific purpose.

These records are maintained in three forms:

manual records
township and section maps
and in the LSAS data base.

For related information refer to "Baseline Plans" on page 93, "East Outline Plans" on page 112, "Alberta 1:250 000 Ground Control Survey Maps" on page 83, and "Township Plans" on page 207.

FILE SIZE : 7 000 + townships (surveyed and unsurveyed)

PROJECT DURATION : Circa 1880-

FREQUENCY OF UPDATE : Upon change of status of land.

SOURCE : Alberta Energy and Natural Resources, Public Lands Division, Documentation Section and Land Status Automated System (LSAS).

LOCATION : Information is available from:

Documentation Section
Program Support Branch
Public Lands Division
Alberta Energy and Natural Resources
2nd Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-3509

ARCHAEOLOGICAL SITE INVENTORY MANUAL FILE

DETAILS : Archaeological sites are inventoried and filed with each site described by name and legal description. Accessibility, culture affiliation, air photo reference, site type, environmental setting, site disturbance potential, and present location of any artifacts collected are indicated in each file.

For related information refer to "Alberta 1:1 000 000 Provincial Map Series" on page 88, "Archaeological Survey of Alberta : Occasional Papers" on page 224, "Conservation of Historical and Archaeological Resources in Alberta" on page 230, and "Alberta Township System Records" on page 305.

FILE SIZE : N/A

PROJECT DURATION : Circa 1974

SOURCE : Archaeological Survey of Alberta, Alberta Culture.

LOCATION : Archaeological information is available from:[57]

Archaeological Survey of Alberta
Alberta Culture
Old St. Stephen's College
8820-112th Street
Edmonton, Alberta
T6G 2P8 (403) 427-2355

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[57] Departmental approval is necessary prior to any access is granted to the data.

BENTONITES AND LIMESTONES MANUAL FILE

DETAILS : An ongoing paper file of limestone and bentonite outcrops which have been tested for quality and quantity.

For related information refer to "Bedrock Geology - Geological Survey of Canada" on page 95, "Bedrock Geology - Alberta Research Council" on page 104, "Bedrock Topography - Alberta Research Council" on page 108, "Surficial Geology - Alberta Research Council" on page 196, "Surficial Geology - Geological Survey of Canada" on page 202, "Surficial Geology and Erosion Potential, Foothills of Alberta" on page 205, "Surficial Geology Mapping - AOSERP Area" on page 206, "Alberta Research Council Bulletins" on page 220, "Alberta Research Council Earth Sciences Reports" on page 221, "Alberta Research Council Open File Reports" on page 223, "Clays and Shales Manual File" on page 308, "Mineral Exploration Sample Storage Manual File" on page 328, and "Urban Geology Manual File" on page 369.

FILE SIZE : N/A

PROJECT DURATION : 1945-

SOURCE : Alberta Research Council, Alberta Geological Survey.

LOCATION : Detailed information may be obtained in **Limestone Resources of Alberta**, Economic Geology Report 4, **Alberta Bentonites**, Economic Geology Report 2, and **Some Characteristics of Bentonite in Alberta**, Earth Sciences Reports 66-2. All reports are available from:

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

CENTRAL GROUNDWATER DATA MANUAL FILE

DETAILS : An ongoing paper file of groundwater availability and production suitability inventories. Each individual file contains location by legal description, drilling logs, water analysis, water flows and completion reports.

For related information refer to "East Central Alberta Regional Groundwater Resource Inventory" on page 111, "Hydrogeology, Miscellaneous Groundwater Geology and Related Maps" on page 134, "Hydrogeological Reconnaissance Map Series" on page 137, "Miscellaneous Streamflow Data" on page 258, "Northern Water Supply Program" on page 275, "Water Resources Development Studies" on page 295, "Flowing Holes Manual File" on page 319, "Observation Well Network Manual File" on page 348, "Sediment Data Manual File" on page 360, "Springs of Alberta Computer File" on page 365, "Water Well Drilling Reports Manual File" on page 372, and "Water Well Information Manual File (Earth Sciences Division)" on page 373.

FILE SIZE : 130 000 + records

PROJECT DURATION : 1958-

SOURCE : Alberta Environment, Earth Sciences Division.

LOCATION : Groundwater data is available from:

Groundwater Information Section
Hydrology Branch
Earth Sciences Division
Alberta Environment
14th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-6230

CLAYS AND SHALES MANUAL FILE

DETAILS : An ongoing paper file of ceramic test data for more than 200 deposits of clays and shales undertaken by the federal Department of Energy, Mines and Resources (1912-1915, 1932), supplemented by the Alberta Research Council (1915-present).

For related information refer to "Bedrock Geology - Geological Survey of Canada" on page 95, "Bedrock Geology - Alberta Research Council" on page 104, "Bedrock Topography - Alberta Research Council" on page 108, "Surficial Geology - Alberta Research Council" on page 196, "Surficial Geology - Geological Survey of Canada" on page 202, "Surficial Geology and Erosion Potential, Foothills of Alberta" on page 205, "Surficial Geology Mapping - AOSERP Area" on page 206, "Alberta Research Council Bulletins" on page 220, "Alberta Research Council Earth Sciences Reports" on page 221, "Alberta Research Council Open File Reports" on page 223, "Bentonites and Limestones Manual File" on page 307, "Mineral Exploration Sample Storage Manual File" on page 328, and "Urban Geology Manual File" on page 369.

FILE SIZE : 200 + deposits

PROJECT DURATION : 1912-

SOURCE : Canada Department of Energy, Mines and Resources, and Alberta Research Council, Natural Resources Division.

LOCATION : Detailed information and maps are available in Economic Geology Report 3, Earth Sciences Notes 77A, 78A and 80A, available from:

Publications Sales
Alberta Research Council
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

CLIMATE INVENTORY AND APPRAISAL RECORDS COMPUTER FILE

DETAILS : A computer archive of climate data for more than 100 sites in 10 networks has been maintained by the Resource Evaluation and Planning Division since 1979. The data base has been merged with data collected from numerous stations maintained by the Alberta Forest Service (ENR) and the Atmospheric Environment Service, Environment Canada to enable province-wide coverage.

Data contained within the data base includes daily and monthly temperature and precipitation readings as well as derived statistics on such factors as frost dates, degree-days and moisture budget.

Province-wide low resolution 1:2 000 000 maps of selected parameters are in preparation. Detailed maps at a scale of 1:250 000 for the High Level-Fort Vermilion area and selected case studies and analyses are also under preparation.

A listing of the network stations is available form the Climate Inventory Section of the Resource Evaluation Branch, as are the following unpublished papers and reports:

The Climate Inventory Program, June 1983 updated February 1984.
Data Gathering Using an EPROM, October 1983.
Calculations of Agroclimatic Statistics from Short-Term Networks, January 1983.
Climatic Classification Methods for Land Use Applications, January 1984.
The Useage of Climate Data in Land Use Decisions in the Peace River District, January 1983.
Mapping Methods in Climatology, June 1984.
Preliminary Analysis of Selected Climatic Data for High Level-Fort Vermilion, September 1984.
Selected Low Resolution Maps of Climate, no date.
The Use of Climatic Information in Land Allocation Decisions in Alberta : A Systematic Approach, October 1984.
Modelling of Selected Climatic Parameters for the Fort Vermilion Study Area, November 1984.

For related information refer to "Agroclimatic Zones of Alberta" on page 65, "Hail Rate Map" on page 133, "Precipitation Over Alberta" on page 172, "Meteorological Analysis Reports" on page 257, "Alberta Environment Real Time Hydrometeorological Network Computer File" on page 300, "Alberta Hail Project Records Computer File" on page 302, "Climatological Records Computer File" on page 311, "Forest Station Weather Records Computer File" on page 322, "Sacramento Precipitation Storage Gauge Network Computer File" on page 357, "Snow Course Data Computer File" on page 362, and "Weather Radar Data Computer File" on page 374.

FILE SIZE : 250 000 daily records and 4 000 monthly National Archive records.

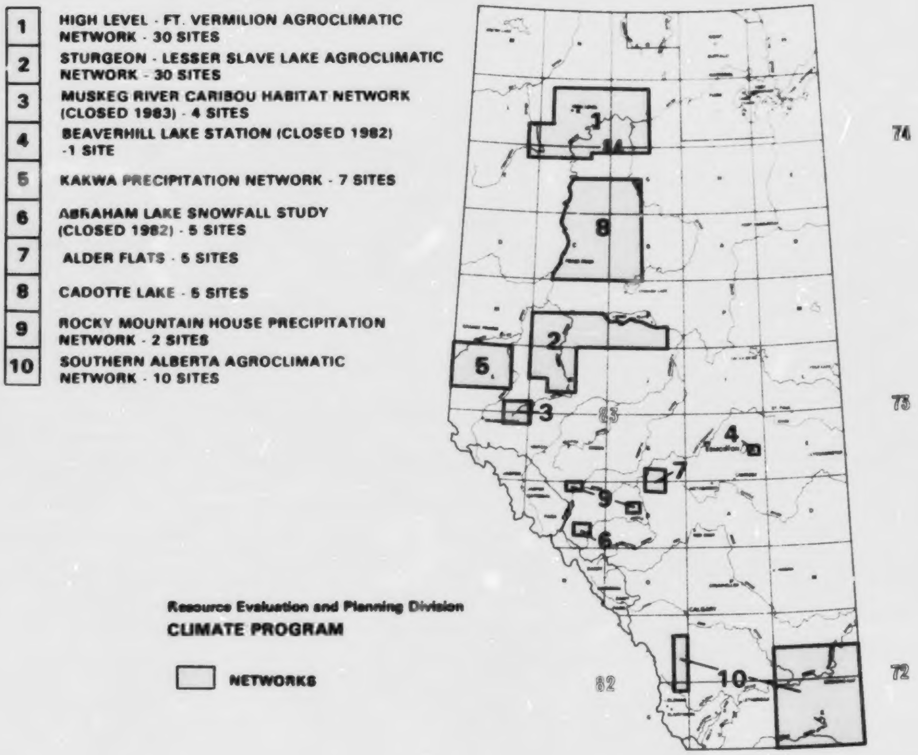
PROJECT DURATION : 1979-

FREQUENCY OF UPDATE : Monthly, semi-annually

SOURCE : Alberta Energy and Natural Resources, Resource Evaluation Branch, Resource Appraisal Section.

LOCATION : Climatic information is available from:[58]

Resource Appraisal Section
Resource Evaluation Branch
Resource Evaluation and Planning Division
Alberta Energy and Natural Resources
4th Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-7222


1 HIGH LEVEL - FT. VERMILION AGROCLIMATIC NETWORK - 30 SITES
2 STURGEON - LESSER SLAVE LAKE AGROCLIMATIC NETWORK - 30 SITES
3 MUSKEG RIVER CARIBOU HABITAT NETWORK (CLOSED 1983) - 4 SITES
4 BEAVERHILL LAKE STATION (CLOSED 1982) -1 SITE
5 KAKWA PRECIPITATION NETWORK - 7 SITES
6 ABRAHAM LAKE SNOWFALL STUDY (CLOSED 1982) - 5 SITES
7 ALDER FLATS - 5 SITES
8 CADOTTE LAKE - 5 SITES
9 ROCKY MOUNTAIN HOUSE PRECIPITATION NETWORK - 2 SITES
10 SOUTHERN ALBERTA AGROCLIMATIC NETWORK - 10 SITES
Resource Evaluation and Planning Division
CLIMATE PROGRAM
NETWORKS
74
73
72
83
82
1
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[58] All network data (daily temperature and precipitation) are available on IBM magnetic tape files in Atmospheric Environment Service format.

CLIMATOLOGICAL RECORDS COMPUTER FILE

DETAILS : An ongoing computer-accessible file of climatological network station records for which temperature and precipitation are recorded daily. Principal stations record sky conditions, visibility, atmospheric pressure, ambient and dewpoint temperature and wind observations every hour. In addition to the observations at principal stations, a number of other parameters such as evaporation, rainfall intensity, snow survey, soil temperature and sunshine are recorded at other climatological network stations throughout the province.

For related information refer to "Hail Rate Map" on page 133, "Precipitation Over Alberta" on page 172, "Meteorological Analysis Reports" on page 257, "Alberta Environment Real Time Hydrometeorological Network Computer File" on page 300, "Alberta Hail Project Records Computer File" on page 302, "Climate Inventory and Appraisal Records Computer File" on page 309, "Forest Station Weather Records Computer File" on page 322, "Sacramento Precipitation Storage Gauge Network Computer File" on page 357, "Snow Course Data Computer File" on page 362, and "Weather Radar Data Computer File" on page 374.

FILE SIZE : 560 + stations

PROJECT DURATION : Circa 1980

FREQUENCY OF UPDATE : Hourly to monthly.

SOURCE : Environment Canada, Atmospheric Environment Service.

LOCATION : Climatological data is found in the following publications:

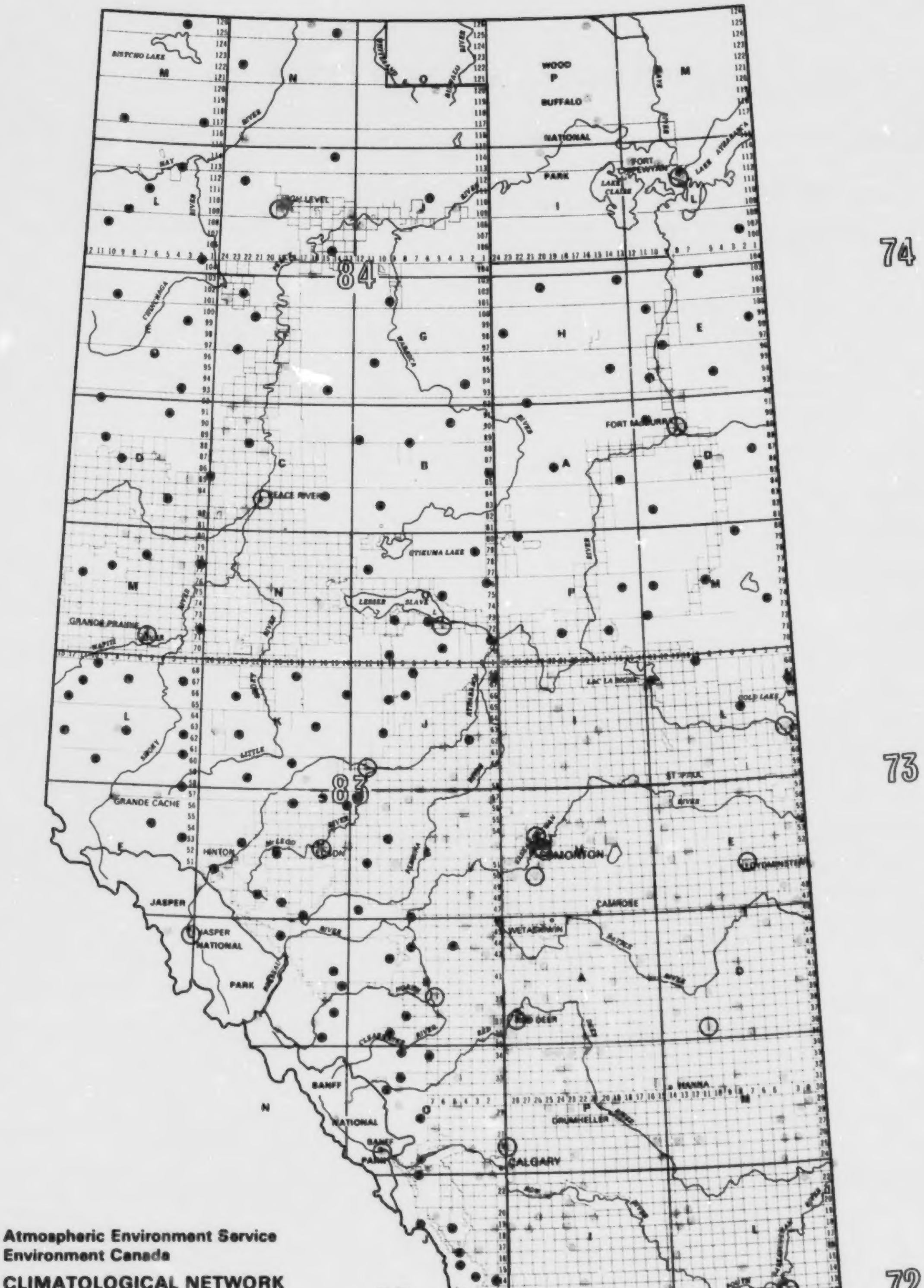
Monthly Record of Meterological Observations
Canadian Weather Review
Canadian Normals
Climatic Perspectives

Further information may be obtained from:

Atmospheric Environment Services
Western Region
Environment Canada
6325-103th Street
Argyll Centre
Edmonton, Alberta
T6H 5H6 (403) 437-1250

For information regarding the Alberta Forest Service Stations, contact:

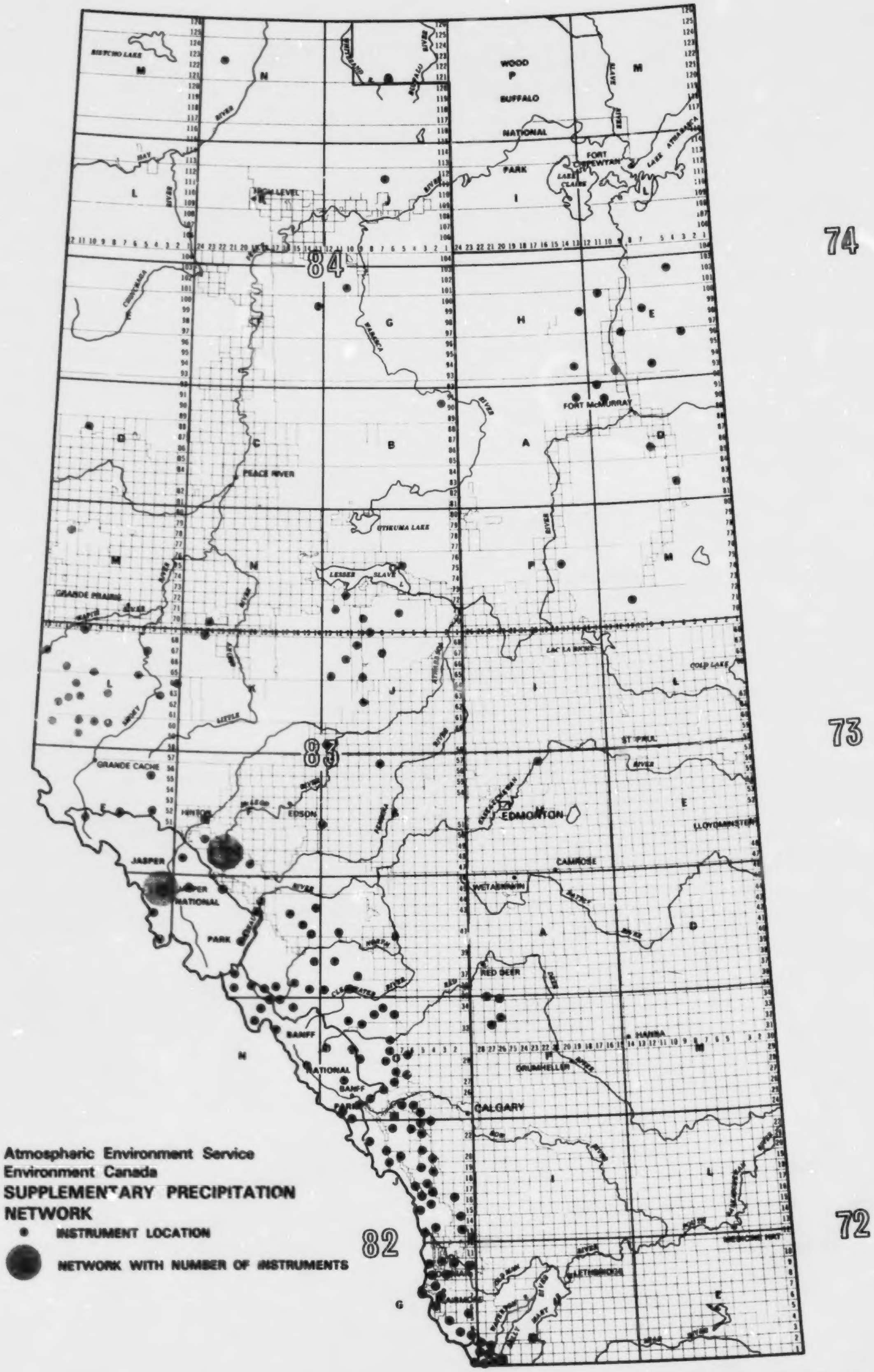
Weather Section
Forest Protection Branch
Alberta Forest Service
Alberta Energy and Natural Resources
Alberta Forest Service Depot
10625-120th Avenue
Edmonton, Alberta
T5E 5S9 (403) 427-6810


BISTCHO LAKE
WOOD BUFFALO NATIONAL PARK
FORT CHIPEWYAN
LAKE ATHABASCA
HIGH LEVEL
74
84
FORT McMURRAY
PEACE RIVER
UTIKUMA LAKE
LESSER SLAVE L.
GRANDE PRAIRIE
LAC LA BICHE
COLD LAKE
73
83
GRANDE CACHE
HINTON
EDMONTON
LLOYDMINSTER
JASPER
JASPER NATIONAL PARK
CAMROSE
WETASKIWIN
RED DEER
BANFF NATIONAL PARK
HANNA
DRUMHELLER
CALGARY
72
82
MEDICINE HAT
COLEMAN
LETHBRIDGE

Atmospheric Environment Service
Environment Canada

CLIMATOLOGICAL NETWORK RECORDING STATIONS

- ● CLIMATOLOGICAL NETWORK STATIONS
- ● ALBERTA FOREST SERVICE STATIONS
- ○ PRINCIPAL STATIONS


Atmospheric Environment Service
Environment Canada
SUPPLEMENTARY PRECIPITATION NETWORK
INSTRUMENT LOCATION
NETWORK WITH NUMBER OF INSTRUMENTS
74
73
72
84
83
82
BISTCHO LAKE
WOOD BUFFALO NATIONAL PARK
FORT CHIPEWYAN
LAKE CLAIRE
LAKE ATHABASCA
HIGH LEVEL
FORT McMURRAY
PEACE RIVER
UTIKUMA LAKE
LESSER SLAVE L.
GRANDE PRAIRIE
LAC LA BICHE
COLD LAKE
ST PAUL
GRANDE CACHE
HINTON
EDSON
EDMONTON
LLOYDMINSTER
JASPER
JASPER NATIONAL PARK
CAMROSE
WETASKIWIN
RED DEER
BANFF NATIONAL PARK
BANFF
HANNA
DRUMHELLER
CALGARY
MEDICINE HAT
LETHBRIDGE

COAL EXPLORATION PERMIT FILE

DETAILS : Files and reports are kept on information relating to permits, deposits, inspections, and upon completion of exploration programs, reclamation certificates.

For related imformation refer to "Alberta 1:5 000 000 Thematic Resource Maps" on page 91, "Coal Disposition Map Series" on page 111, "Energy Resources Conservation Board (ERCB) Maps" on page 117, "Land Classification Regions for Coal Exploration and Development in Alberta" on page 151, and "Energy Resources Conservation Board (ERCB) Computer Files" on page 317.

FILE SIZE : 500 + files

PROJECT DURATION : 1976-

FREQUENCY OF UPDATE : Ongoing

SOURCE : Energy Resources Conservation Board.

LOCATION : Records may be viewed at:

Library
Energy Resources Conservation Board
640-5th Avenue S.W.
Calgary, Alberta
T2P 3G4 (403) 297-7308

COMMERCIAL FISH CATCH STATISTICS MANUAL FILE

DETAILS : A paper file recording the weight and species of fish caught under authority of a zone commercial or zone fishermen's licence, in 100 of the 232 Alberta lakes in which commercial fishing is permitted. Information is compiled into fisheries statistics and cutting records. Cutting records determine the rate of infestation by statistical sampling of up to 100 whitefish or tullibee landed by commercial fishermen. Fishery statistics are completed at the end of each individual lake fishery, identifying the number of licences, species weight, value to fishermen and marketed value compiled on a calendar and fiscal year basis.

For related information refer to "Fish Resource Maps" on page 124, "Land Capability - Sport Fish" on page 148, "Wildlife Key Area Maps" on page 210, "Canadian Wildlife Service Manuscripts" on page 227, "Management Report Series (Fish)" on page 256, "Miscellaneous Species Reports" on page 257, "Occasional Papers (Wildlife) Series" on page 278, "Research Report Series (Fish)" on page 283, "Wildlife Management Series" on page 296, and "Fish Planting Statistics Manual File" on page 318.

FILE SIZE : 100 lakes

PROJECT DURATION : 1947-

FREQUENCY OF UPDATE : Daily to monthly.

SOURCE : Alberta Energy and Natural Resources, Fish and Wildlife Division, Fisheries Management Branch.

LOCATION : Information is available from:

Fisheries Management Branch
Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6730

COMPULSORY REGISTRATION (WILDLIFE HARVEST) STATISTICS COMPUTER FILE

DETAILS : A computer-accessible file of hunter statistics by Wildlife Management Units (WMU). Actual harvest statistics are available for mountain goat, bighorn sheep, grizzly bear, caribou[89], elk and cougar. Statistics include the number of animals harvested by species by WMU, the number of males harvested by species by WMU, the number of females harvested by species by WMU, and the number of males per 100 females.

For related information refer to "Land Capability for Furbearers" on page 146, "Land Capability for Ungulates" on page 149, "Wildlife Key Area Maps" on page 210, "Big Game Reports" on page 225, "Canadian Wildlife Service Manuscripts" on page 227, "Miscellaneous Species Reports" on page 257, "Occasional Papers (Wildlife) Series" on page 278, and "Wildlife Management Series" on page 296.

FILE SIZE : 6 species

PROJECT DURATION : 1972-

FREQUENCY OF UPDATE : Yearly

SOURCE : Alberta Energv and Natural Resources, Fish and Wildlife Division, Wildlife Management Branch.

LOCATION : Because of the nature of the information, Compulsory Registration Statistics are generally available only for resource evaluation and land-planning purposes. Compulsory Registration Statistics are available upon approval from:

Wildlife Management Branch
Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6750

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[89] As caribou are no longer harvested, only past statistics are available.

CREST GAUGE MANUAL FILES

DETAILS : For each gauging station, both active (78) and discontinued (134), a file is maintained. The following information is included:

1. Description and location plan,
2. A gauge history,
3. A summary of station visits giving details on actual flow and water level at the time of the visit and a recording of the maximum water level since the last visit,
4. A flow measurement summary which includes average velocity and cross-sectional area,
5. A rating curve showing the relationship between water level and flow, and
6. A summary of estimated peak flow for all years of record.

As of 1982 Alberta Environment crest gauging stations were incorporated into a supplemental surface water data program.

For related information refer to "Canoe Alberta : A Guide To Alberta's Rivers" on page 228, "Flood Control and Water Management in the Paddle River Basin" on page 236, "Flood Plain Studies" on page 237, "Flow Regulation of the Red Deer River" on page 240, "Lake Planning Program" on page 250, "Management of Water Resources Within the Oldman River Basin" on page 255, "Miscellaneous Streamflow Data" on page 258, "River Basin Studies" on page 286, "Lake Level Manual File" on page 324, "Lake and Reservoir Area and Capacity Manual File" on page 325, and "Lake and Stream Manual Files" on page 325.

FILE SIZE : 212 gauge stations

PROJECT DURATION : Circa 1958

FREQUENCY OF UPDATE : Continually

SOURCE : Alberta Environment, Technical Services Division.

LOCATION : Records may be viewed at:

Records Centre
Technical Services Division
Alberta Environment
10th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6298

The Publication **Alberta Crest Stage Gauges** provides important information on both the active and discontinued crest gauge stations in Alberta. This publication is available from the above location.

Information on the 43 crest gauge stations operated by the Alberta Research Council for the north-central portion of Alberta is available from:

Transportation and Surface Water
Engineering Department
Alberta Research Council
4th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-0777

CROP REPORT MANUAL FILE

DETAILS : An ongoing paper file resulting from a province-wide survey of agricultural conditions by farmers and district agriculturists. Information is organized by region indicating moisture, crop and livestock conditions.

For related information refer to "Agroclimatic Zones of Alberta" on page 65, "Hail Rate Map" on page 133, "Meteorological Analysis Reports" on page 257, "Risk Analysis Reports" on page 285, "Alberta Environment Real Time Hydrometeorological Network Computer File" on page 300, "Alberta Hail Project Records Computer File" on page 302, "Climate Inventory and Appraisal Records Computer File" on page 309, "Climatological Records Computer File" on page 311, "Forest Station Weather Records Computer File" on page 322, and "Weather Radar Data Computer File" on page 374.

FILE SIZE : 300 + survey records

PROJECT DURATION : 1961-

FREQUENCY OF UPDATE : Bi-monthly

SOURCE : Alberta Agriculture, Statistics Branch.

LOCATION : Crop reports are available from:

Statistics Branch
Alberta Agriculture
3rd Floor, J.G. O'Donoghue Building
7000-113th Street
Edmonton, Alberta
T6H 5T6 (403) 427-4011

ENERGY RESOURCES CONSERVATION BOARD (ERCB) COMPUTER FILES

DETAILS : The ERCB makes available for sale a selection of computer processable files. The following files are available on a subscription or one-time basis:

1. Gas Pool Reserves File
2. Oil Pool Reserves File
3. Drilling Well Data File
4. Oil Sand Data File
5. Dictionary File (Coal and Oil/Gas/Oil Sands)
6. Pipeline File
7. Historical Well Production - Injection and Well Control Data File
8. Core Analysis File
9. General Well Data Master File
10. List of Wells in Alberta
11. Gas Well Absolute Open Flow Potential/Pressure File
12. Coal Mine File
13. Coal Hole Data File
14. Gas Analysis (Well and Pool) File
15. AOFP Tests and Pressure Surveys
16. Lands Under Gas Purchase Contracts

A computer program is also available.

1. Multiple-Puff Atmospheric Dispersion Model, Program PS10210.

For related information refer to "Coal Disposition Map Series" on page 111, "Energy Resources Conservation Board (ERCB) Maps" on page 117, "Land Classification Regions for Coal Exploration and Development in Alberta" on page 151, "Oil and Gas Area Map Series" on page 168, "Oil Sands Area Maps" on page 170, "Alberta Environmental Centre Reports" on page 218, "Alberta Research Council Information Series" on page 222, "Alberta Research Council Open File Reports" on page 223, "Arctic Gas Biological Report Series" on page 225, "Environmental Effects of Sulphur Extraction Gas Plants in Alberta" on page 232, "Syncrude Environmental Research Monographs" on page 292, "Syncrude Professional Papers" on page 293, "Alberta Township System Records" on page 305, "Coal Exploration Permit File" on page 314, "Mineral Exploration Sample Storage Manual File" on page 328, and "Natural Resources and Land-Related Data Bases" on page 330.

FILE SIZE : N/A

PROJECT DURATION : N/A

FREQUENCY OF UPDATE : Weekly to annually

SOURCE : Energy Resources Conservation Board.

LOCATION : For information on files, contact:

Data Processing Department
Energy Resources Conservation Board
640-5th Avenue S.W.
Calgary, Alberta
T2P 3G4 (403) 297-2480

For further information on services and available information consult, **Publications, Maps and Services Catalogue, January 1985** available free of charge from:

Publications Department
Energy Resources Conservation Board
640-5th Avenue S.W.
Calgary, Alberta
T2P 3G4 (403) 297-8328

FISH PLANTING STATISTICS MANUAL FILE

DETAILS : A paper file of the number, species and size of fish deposited in each of the more than 400 stocked water bodies in Alberta. Statistics are organized according to the following regions: Southern, Central, East Slope, Northeast and Peace River.

For related information refer to "Fish Resource Maps" on page 124, "Land Capability - Sport Fish" on page 148, "Wildlife Key Area Maps" on page 210, "Canadian Wildlife Service Manuscripts" on page 227, "Habitat Development Report Series" on page 245, "Management Report Series (Fish)" on page 256, "Miscellaneous Species Reports" on page 257, "Occasional Papers (Wildlife) Series" on page 278, "Research Report Series (Fish)" on page 283, "Wildlife Management Series" on page 296, "Commercial Fish Catch Statistics Manual File" on page 314, and "Fish Planting Statistics Manual File".

FILE SIZE : 400 + (water bodies)

PROJECT DURATION : 1951-

FREQUENCY OF UPDATE : Annually

SOURCE : Alberta Energy and Natural Resources, Fish and Wildlife Division

LOCATION : Fish planting statistics are available from:

Fisheries Management Branch
Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6730

FLOWING HOLES MANUAL FILE

DETAILS : An ongoing paper file in which all seismic shot holes resulting in water flow to the surface are described. The licence, permittee, location, depth of hole and origin of flow are indicated.

For related information refer to "East Central Alberta Regional Groundwater Resource Inventory" on page 111, "Hydrogeology, Miscellaneous Groundwater Geology and Related Maps" on page 134, "Hydrogeological Reconnaissance Map Series" on page 137, "Miscellaneous Streamflow Data" on page 258, "Central Groundwater Data Manual File" on page 308, "Observation Well Network Manual File" on page 348, "Seismic Statistics Manual File" on page 361, "Springs of Alberta Computer File" on page 365, "Water Well Drilling Reports Manual File" on page 372, and "Water Well Information Manual File (Earth Sciences Division)" on page 373.

FILE SIZE : 10 000 + records

PROJECT DURATION : 1952-

FREQUENCY OF UPDATE : Daily

SOURCE : Alberta Energy and Natural Resources, Mineral Resources Division, Exploration Branch.

LOCATION : Information is available from:

Manager, Explorations and Approvals
and Incentives, Exploration Branch
Mineral Resources Division
Alberta Energy and Natural Resources
6th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-6601

FOREST FIRE COMPUTER FILE

DETAILS : For each forest fire in Alberta, the location, cause, time, discovery agent, time of the initial suppression, and method of suppression is recorded. Other information recorded includes difficulties encountered during fire suppression, weather conditions, amount of labor and equipment used, size of fire, and property and equipment losses. An evaluation of the fire damage is provided, documenting acreage burned volume and value lost, and species and type of timber burned.

For related information refer to "Forage Inventory Program" on page 127, "Forest Inventory Mapping" on page 129, "Land Capability for Forestry" on page 145, "Lightning Over Alberta" on page 161, "Environmental Effects of Forestry Operations in Alberta" on page 231, "Meteorological Analysis Reports" on page 257, "Phase III Forest Inventory Information Reports" on page 279, "AFORISM - Alberta Forest Inventory Storage and Maintenance" on page 301, "Alberta Environment Real Time Hydrometeorological Network Computer File" on page 300, "Climatological Records Computer File" on page 311, "Forest Fire Computer File", "Forest Reserve Grazing Records Manual File" on page 321, "Forest Station Weather Records Computer File" on page 322, "Silviculture Computer File" on page 362, "Timber Production Records Manual File" on page 367, and "Weather Radar Data Computer File" on page 374.

FILE SIZE : 8 000 + records

PROJECT DURATION : 1961-

FREQUENCY OF UPDATE : Annually

SOURCE : Alberta Energy and Natural Resources, Alberta Forest Service, Forest Protection Branch.

LOCATION : Individual reports are restricted. For further information contact:

Forest Protection Branch
Alberta Forest Service
Alberta Energy and Natural Resources
Alberta Forest Service Depot
10625-120th Avenue
Edmonton, Alberta
T5E 5S9 (403) 427-6807

Totals are public and are available in the following publications:

1. **Annual Report: Alberta Energy and Natural Resources**, available from:

   Information Centre
   Alberta Energy and Natural Resources
   1st Fl., Bramalea Bldg.
   9920-108th Street
   Edmonton, Alberta
   T5K 2M4 (403) 427-3590

2. Environment Canada. **Forest Fire Losses in Canada**
3. Periodic reports on statistical analysis of fires are also issued.

FOREST RESERVE GRAZING RECORDS MANUAL FILE

DETAILS : Files are maintained on livestock grazing on range allotments in the Rocky Mountain Forest Reserve (refer to **Range Allotment Maps**). Information includes the number of livestock entered and removed from the allotment, animal unit months of grazing, the number of livestock lost and the cause. The amount of revenue collected is also reported in the Annual Report.

For related information refer to "Forage Inventory Program" on page 127, "Land Capability for Forestry" on page 145, "Range Allotment Maps" on page 176, "Special Ecological Studies" on page 193, "Phase III Forest Inventory Information Reports" on page 279, "AFORISM - Alberta Forest Inventory Storage and Maintenance" on page 301, and "Forest Fire Computer File" on page 320.

FILE SIZE : N/A

PROJECT DURATION : 1948-

FREQUENCY OF UPDATE : Annually

SOURCE : Alberta Energy and Natural Resources, Alberta Forest Service, Range Management Branch.

LOCATION : Individual records are restricted. For further information contact:

Range Management Section
Forest Land Use Branch
Alberta Forest Service
Alberta Energy and Natural Resources
6th Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-3582

Totals are public and are available in **Annual Report: Alberta Energy and Natural Resources**, available from:

Information Centre
Alberta Energy and Natural Resources
1st Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-3590

FOREST STATION WEATHER RECORDS COMPUTER FILE

DETAILS : An ongoing computer-accessible file of station temperatures, relative humidity, wind speed and direction, precipitation, lightning, and the amount and type of cloud cover are recorded twice daily for each forest region in Alberta. See map accompaning "Climatological Records Computer File" on page 311, for the locations of the Alberta Forest Service weather stations.

For related information refer to "Hail Rate Map" on page 133, "Lightning Over Alberta" on page 161, "Precipitation Over Alberta" on page 172, "Meteorological Analysis Reports" on page 257, "Alberta Environment Real Time Hydrometeorological Network Computer File" on page 300, "Alberta Hail Project Records Computer File" on page 302, "Climate Inventory and Appraisal Records Computer File" on page 309, "Climatological Records Computer File" on page 311, "Sacramento Precipitation Storage Gauge Network Computer File" on page 357, "Snow Course Data Computer File" on page 362, and "Weather Radar Data Computer File" on page 374.

FILE SIZE : 172 stations

PROJECT DURATION : 1950-

FREQUENCY OF UPDATE : Twice daily

SOURCE : Alberta Energy and Natural Resources, Alberta Forest Service.

LOCATION : Individual records are restricted. Contact:

Weather Section
Forest Protection Branch
Alberta Forest Service
Alberta Energy and Natural Resources
Alberta Forest Service Depot
10625-120th Avenue
Edmonton, Alberta
T5E 5S9 (403) 427-6810

Totals are public and are available in the following publications:

Environment Canada, **Monthly Record of Metereological Observations in Canada.**
Alberta Forest Service, **Precipitation Over Alberta.**
Alberta Forest Service, **Lightning Over Alberta.**
Alberta Environment, **Climate of Alberta.**

GRAZING LEASE DISPOSITION RECORDS

DETAILS : The disposition files include address and identity of the lease holders, the legal land description, lease number, water source, and livestock owned.

For related information refer to "Alberta 1:190 080 Provincial Forest Reserve (Topographical) Maps" on page 82, "Forage Inventory Program" on page 127, "Forest Inventory Mapping" on page 129, "Range Allotment Maps" on page 176, "Special Ecological Studies" on page 193, "Integrated Resource Planning Projects" on page 247, "Phase III Forest Inventory Information Reports" on page 279, "Forest Reserve Grazing Records Manual File" on page 321.

FILE SIZE : 6 400 dispositions

PROJECT DURATION : 1900's-

FREQUENCY OF UPDATE : Upon change of the disposition.

SOURCE : Alberta Energy and Natural Resources, Public Lands Division, Dispositions Branch.

LOCATION : Information is available from:

Documentation Section
Program Support Branch
Public Lands Division
Alberta Energy and Natural Resources
2nd Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-3509

INDUSTRIAL STACK EMISSION RECORDS FILE

DETAILS : Contained on this microfiche file is data from all major industrial plants in the province. Measurements are made at the source and include concentration of substances and rate of flow.

For related information refer to "Alberta Environmental Centre Reports" on page 218, "Environmental Effects of Sulphur Extraction Gas Plants in Alberta" on page 232, "Environmental Impact Assessment and Information Documents" on page 233, "Environmental Research and Development Reports" on page 235, "Rural Air Quality Monitoring Computer File" on page 356, "Upper Air Observation Computer File" on page 368, and "Urban Air Quality Monitoring Computer File" on page 368.

FILE SIZE : 500 + stacks

PROJECT DURATION : 1960's-

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Environment, Pollution Control Division, Air Quality Branch.

LOCATION : Information is available from:

Head, Air Quality Branch
Pollution Control Division
Alberta Environment
6th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5893

LAKE LEVEL MANUAL FILE

DETAILS : An ongoing paper file used to supplement lake level-data collected by Environment Canada in Alberta.

For related information refer to "Bathymetric Survey Map Series" on page 94, "Peace-Athabasca Delta Project Studies" on page 278, "Restoration of Water Levels in Cooking and Hasting Lakes" on page 284, "Restoration of Water Levels in the Peace-Athabasca Delta" on page 285, "Lake and Reservoir Area and Capacity Manual File" on page 325, and "Lake and Stream Manual Files" on page 325.

FILE SIZE : 400 + water bodies

PROJECT DURATION : 1918-

FREQUENCY OF UPDATE : Varies with each location.

SOURCE : Alberta Environment, Technical Services Division, and Environment Canada.

LOCATION : **Miscellaneous Lake Level** publications are available for the years 1978, 1979, 1980, and 1981 from:

Records Centre
Technical Services Division
Alberta Environment
10th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6298

LAKE AND RESERVOIR AREA AND CAPACITY MANUAL FILE

DETAILS : Surface area and volume measurements have been derived from bathymetric maps for various lakes and reservoirs in Alberta. Area-capacity curves are also available for some lakes.

For related information refer to "Bathymetric Survey Map Series" on page 94, "Peace-Athabasca Delta Project Studies" on page 278, "Restoration of Water Levels in Cooking and Hasting Lakes" on page 284, "Restoration of Water Levels in the Peace-Athabasca Delta" on page 285, "Lake Level Manual File" on page 324, and "Lake and Stream Manual Files".

FILE SIZE : 244 lakes

PROJECT DURATION : 1958-

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Environment, Alberta Energy and Natural Resources; Prairie Farm Rehabilitation Administration; other agencies such as Ducks Unlimited.

LOCATION : In order to determine the availability of a specific area and capacity file, consult **Alberta Lakes and Reservoirs Reference Index 1980**, available from:

Records Centre
Technical Services Division
Alberta Environment
10th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6298

LAKE AND STREAM MANUAL FILES

DETAILS : Each lake file contains the following details: inlets, outlets, depth, area, volume, shoreline length, Canada Land Inventory Classification, and pH. Fish and wildlife habitats are described as well as fish stocking levels, winter kill, fishing density and recreational opportunities.

Stream and river files contain similar detailed information with source and mouth located by township and range. Other detailed information includes: physical attributes such as length, width, gradient, maximum and minimum waterflow, dam locations, and the number of pools versus riffles; chemical analyses including total dissolved solids and dissolved oxygen; and biological information including species, fishing intensity, stream bottom fauna and spawning grounds.

For related information refer to "Bathymetric Survey Map Series" on page 94, "Fish Resource Maps" on page 124, "Land Capability for Ungulates" on page 149, "Lake Study Brochure Series" on page 251, "Management Report Series (Fish)" on page 256, "Miscellaneous Streamflow Data" on page 258, "Pollution Report Series" on page 280, "Restoration of Water Levels in Cooking and Hasting Lakes" on page 284, "River Channel Studies" on page 289, "Commercial Fish Catch Statistics Manual File" on page 314, "Fish Planting Statistics Manual File" on page 318, "Lake Level Manual File" on page 324, "Lake and Reservoir Area and Capacity Manual File", "Lake and Stream Manual Files", and "Lake Water Quality Surveys Computer File" on page 326.

FILE SIZE : 1 200 + water bodies

PROJECT DURATION : Circa 1950

FREQUENCY OF UPDATE : Continually

SOURCE : Alberta Energy and Natural Resources, Fish and Wildlife Division, Fisheries Management Branch.

LOCATION : Because of the nature of the information, lake and stream files are generally available only for resource evaluation and planning purposes. Lake and stream files are available upon request from:

Public Inquiries Officer
Fish and Wildlife Division
Alberta Energy and Natural Resources
3rd Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-8580

Additional information is available from:

Fisheries Management Branch
Fish and Wildlife Division
Alberta Energy and Natural Resources
5th Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-6730

LAKE WATER QUALITY SURVEYS COMPUTER FILE

DETAILS : An ongoing computer-accessible file related to levels of fertility (trophic status) in recreational lakes. Documents levels of nutrients, quantities of suspended algae, transparency and other indicators of fertility.

Water-quality surveys have been completed for the following lakes in Alberta:

1. Battle Lake (NTS 83B/16)
2. Bourque Lake (NTS 73L/10)
3. Buck Lake (NTS 83B/15)
4. Cold Lake (NTS 73L/8,9)
5. Crimson Lake (NTS 83B/6)
6. Garner Lake (NTS 73L/4)
7. Ghost Lake (NTS 83I/13)
8. Hilda Lake (NTS 73L/9,12)
9. Island Lake (NTS 83I/13)
10. Isle Lake (NTS 83G/10)
11. Jackfish Lake (NTS 83G/9)
12. Lac La Biche (NTS 73L/13; 83I/16)
13. Lac La Nonne (NTS 83G/16)
14. Lac Ste. Anne (NTS 83G/9,10)
15. Marie Lake (NTS 73L/9)
16. May Lake (NTS 73L/9)
17. Moore Lake (NTS 73L/9,10)
18. Muriel Lake (NTS 73L/2)
19. Nakamun Lake (NTS 82I/14)
20. Pine Lake (NTS 83A/3)
21. Sandy Lake (NTS 83G/16)
22. Skeleton Lake (NTS 83I/10)
23. Spring Lake (NTS 83G/9)
24. Sturgeon Lake (NTS 83N/3,4)
25. Wizard Lake (NTS 83H/4)
26. Wolf Lake (NTS 73L/10,11)

Studies to determine the effect of diversion or waste water are continuing for the following Alberta lakes:

1. St. Cyr Lac (NTS 73E/14)
2. Field Lake (NTS 73L/12; 83I/9)

Intensive nutrient budget studies have been completed for the following lakes:

1. Baptiste Lake (NTS 83I/12,13)
2. Ethel Lake (NTS 73L/9)
3. Tucker Lake (NTS 73L/10)
4. Wabamun Lake (NTS 83G/7,9,10)

A monthly long-term monitoring program, in conjunction with the provincial parks, has been initiated for the following lakes:

1. Beauvais Lake (Pincher Creek) (NTS 82G/8)
2. Buffalo Lake (Stettler) (NTS 82A/6,7,10)
3. Carson Lake (Whitecourt) (NTS 83J/5)
4. Crimson Lake (Rocky Mtn. House) (NTS 82B/6)
5. Dillberry Lake (Wainwright) (NTS 73D/9)
6. Elkwater Lake (NTS 72E/9)
7. Garner Lake (Spedden) (NTS 73L/4)
8. Gull Lake (NTS 83A/5,12; 83B/8,9)
9. Lac La Biche (NTS 72L/13; 83I/16)
10. Long Lake (NTS 83I/7)
11. Moonshine Lake (NTS 83M/14)
12. Moose Lake (NTS 73L/2,6,7)
13. Newell Lake (NTS 72L/5)
14. Pigeon Lake (NTS 83G/1; 83H/4)
15. Steele Lake (NTS 83I/12)
16. Sturgeon Lake (NTS 83N/3,4)
17. Sylvan Lake (NTS 83B/8)
18. Thunder Lake (NTS 83J/2)
19. Travers Reservoir (NTS 82I/2,7)
20. Winagami Lake (NTS 83N/10)

For related information refer to "Lake Planning Program" on page 250, "Lake Study Brochure Series" on page 251, "Pollution Report Series" on page 280, "River Basin Studies" on page 286, and "Lake and Stream Manual Files" on page 325.

FILE SIZE : 52 lakes

PROJECT DURATION : 1974-

FREQUENCY OF UPDATE : Monthly

SOURCE : Alberta Environment, Pollution Control Division.

LOCATION : For information regarding Water Quality Surveys, contact:

Head, Water Quality Branch
Pollution Control Division
Alberta Environment
6th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5828

MINERAL AGREEMENT INFORMATION SYSTEM (MAIS)

DETAILS : The MAIS system provides legal records of government arrangements with developers for exploration and extraction of mineral resources. Only active agreements are kept on file, inactive agreements are kept for one year after becoming inactive.

For related information refer to "Coal Disposition Map Series" on page 111, "Energy Resources Conservation Board (ERCB) Maps" on page 117, "Land Registry Maps" on page 159, "Land Use and Zoning Maps" on page 160, "Metallic Minerals Disposition Maps" on page 162, "Oil and Gas Area Map Series" on page 168, "Oil Sands Area Maps" on page 170, "Energy Resources Conservation Board (ERCB) Computer Files" on page 317, and "Alberta Township System Records" on page 305.

FILE SIZE : 95 000 + agreements

PROJECT DURATION : Ongoing

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Energy and Natural Resources, Mineral Disposition Division, Mineral Support Branch.

LOCATION : Information is available from:

Minerals Support Branch
Mineral Resources Division
Alberta Energy and Natural Resources
12th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9   (403) 427-7704

MINERAL EXPLORATION SAMPLE STORAGE MANUAL FILE

DETAILS : An ongoing file of geologic data including drill core samples and lithologs, primarily obtained from uranium exploration drilling within the Athabasca Basin in Alberta.

For related information refer to "Bedrock Geology - Geological Survey of Canada" on page 95, "Bedrock Geology - Alberta Research Council" on page 104, "Bedrock Topography - Alberta Research Council" on page 108, "Surficial Geology - Alberta Research Council" on page 196, "Surficial Geology - Geological Survey of Canada" on page 202, "Surficial Geology and Erosion Potential, Foothills of Alberta" on page 205, "Surficial Geology Mapping - AOSERP Area" on page 206, "Alberta Research Council Bulletins" on page 220, "Alberta Research Council Earth Sciences Reports" on page 221, "Alberta Research Council Open File Reports" on page 223, "Bentonites and Limestones Manual File" on page 307, "Clays and Shales Manual File" on page 308, and "Urban Geology Manual File" on page 369.

FILE SIZE : 100 + cores

PROJECT DURATION : 1979-

FREQUENCY OF UPDATE : As new data is acquired.

SOURCE : Lease and permit data are from Alberta Energy and Natural Resources. The geologic data are from individual exploration companies.

LOCATION : Core and paper records are available for viewing at:

Mineral Exploration Sample Storage Facility
Alberta Geological Survey
Alberta Research Council
11547-160th Street
Edmonton, Alberta
T5m 3V9 (403) 451-0057

Contact the following individual before proceeding to the previous address.

Mineral Exploration Sample Storage Facility
Alberta Geological Survey
Alberta Research Council
11547-160th Street
Edmonton, Alberta
T5m 3V9 (403) 451-0057

NATURAL HISTORY SYSTEMATIC RESEARCH COLLECTIONS : PROVINCIAL MUSEUM OF ALBERTA

DETAILS : Natural history specimens, collected from on-going activities, pertaining to various diciplines (ie. botany, entomology, geology, mammalogy, ornithology, and pleistocene palaeontology), have been inventoried and catalogued. This manual catalogue is in the process of being computerized.

For related information refer to "Archaeological Survey of Alberta : Occasional Papers" on page 224, "Natural History Information Series - Provincial Museum of Alberta" on page 273, "Natural History Occasional Papers - Provincial Museum of Alberta" on page 273, "Natural History Reference Lists - Provincial Museum of Alberta" on page 274, and "Provincial Museum of Alberta Publications" on page 281.

FILE SIZE : 200 000 + specimens, increasing by 10 000 specimens annually.

PROJECT DURATION : 1967-

FREQUENCY OF UPDATE : Daily

SOURCE : Culture, Provincial Museum of Alberta, Natural History Section.

LOCATION : For information concerning access to the specimens contact:

Provincial Museum of Alberta
Natural History Section
Alberta Culture
12845-102nd Avenue
Edmonton, Alberta
T5N 0M6 (403) 427-1731

NATURAL RESOURCES AND LAND-RELATED DATA BASES

DETAILS : Statistical and bibliographic data bases that deal with natural resources and land-related information in Alberta are presented below. All data bases listed are available in Alberta. The material presented is taken directly from **COIN: A Directory of Computerized Information in Canada**, 5th Edition, 1984; available from Information Systems, Alberta Research Council. For further information on particular data bases, consult the above publication. Source and contact agencies are listed for each data base with contact agencies listed at the end of this entry.

FILE SIZE : 87 data bases

STATISTICAL DATA BASES

1. **Agricultural Commodities - AGDATA:** This data base deals with the short-term trends in agricultural commodities. It has indices for volume and other indices for many agricultural commodities including grain and oil seeds, cattle and beef products, hogs and pork products, broilers, eggs, fowl and special crops.

Source : Economic Services Division of Alberta Agriculture
Contact : IPSA
Location : I.P. Sharp Associates

2. **Canada Land Inventory:** An on-line computer graphics system for displaying data from the Canada Land Inventory data base. Creates graphic maps. The data base consists of 37 maps per subject area, a total of 368 maps. The data types covered include:

Agriculture
Forestry
Recreation
Sports Fish
Watershed
Census
Land-Use
Shoreline
Ungulates
Wildlife

Source : Alberta Environment
Contact : CACSL, EDCSL

3. **Canadian 1981 Agricultural Census (AGCENSUS):** This statistical data base contains socio-economic data on the Canadian agricultural economy in 1981.

Source : Agricultural Statistics Division, Statistics Canada.
Contact : IPSA
Location : I.P. Sharp Associates

4. **Coal Analysis - COAL DATA:** COAL DATA is a numerical data bank of analysis (proximate and ultimate) on Alberta coals.

Source : Coal Technology Information Centre, Alberta Research Council (ARC)
Contact : AOSI, BINSL, COAL, GEO, LET, LRIS, RED, SWERP, TPB, UASC, UNICIS
Location : University of Alberta

5. **Liquified Petroleum Gas Report - LPGAS:** Inventories of liquified petroleum gases in all U.S. Petroleum Administration for Defense Districts. The data base has stocks in plants, terminals, refineries, and underground storage. It includes ethane, propane, ethane - propane mix, isobutane, normal butane, other butanes, butane - propane mix, isopentane, other stocks, unfractionated streams and totals.

Source : American Petroleum Institute
Contact : IPSA
Location : I.P. Sharp Associates

6. **Monthly Petroleum Statements – PS:** Actual figures on U.S. stocks, production and imports of crude oil and petroleum products, and refinery operations. The data includes production and location of crude oil, supply and disposition by product, refinery input, output and percent yield, interdistrict tanker and barge movements, exports and imports of crude oil and petroleum product and refinery reciept of crude oil.
Source : U.S. Department of Energy
Contact : IPSA
Location : I.P. Sharp Associates

7. **Municipal Waterworks and Waste Water Data – MUNDAT:** Contains information on municipal water distribution, water treatment and waste water collection systems for over 3 000 municipalities across Canada.
Source : Environmental Protection Service, Environment Canada.
Contact : EPS
Location : Environmental Protection Service, Environment Canada.

8. **National Air Pollution Surveillance – NAPS:** A collection of data from air pollution monitoring network of stations in major urban centers across Canada. Quality of ambient air is continously monitored, assessed and related to the National Ambient Air Quality Objectives outlined in the Clean Air Act.
Source : Inventory Management Division, Environmental Protection Service, Environment Canada
Contact : EPS
Location : Environmental Protection Service, Environment Canada.

9. **National Emissions Inventory System – NEIS:** The system contains data on anthropoguric air contaminants from point and area sources of 84 sectors of the Canadian Economy.
Source : Air Pollution Control Directorate
File Size : 400 records
Contact : EPS
Location : Environmental Protection Service, Environment Canada.

10. **National Inventory of Pollution Sources – NIPS:** This data base has been designed to provide an inventory of all major industrial point sources of water pollution in Canada.
Source : Environmental Protection Service, Environment Canada
Contact : EPS
Location : Environmental Protection Service, Environment Canada.

11. **National Water Quality Data (NAQUADAT):** This statistical data base contains data from 1960 to present on more than 15 000 sampled locations across Canada. The five million plus records contain on the average 10 to 40 different chemical analyses of the water.
Source : Environment Canada, Inland Waters Directorate, Water Quality Branch
Contact : NAQUA
Location : Water Quality Branch, Inland Waters Directorate.

12. **Petroleum Data System–PDS:** This statistical data base containing the official name of the field or pool, location by country, size, cumulative and annual production, geological occurrence, type of environment, age of resevoir, engineering data on resevoir temperature, pressure and petrophysics, and analysis of crude cil, brine and natural gas.
Source : University of Oklahoma
Contact : GEN, CALGEN

13. **Surface Water Data - HYDAT:** This statistical data base consists of 80 000 + station records of daily discharges, daily water levels and sediment data for Canadian waters.
Source : Environment Canada
Contact : Ontario Environment

14. **U.S. Petroleum Imports:** Contains information published by the American Petroleum Institute in their monthly report entitled 'Imported Crude Oil and Petroleum Products', which provides data on every shipment of crude oil or residual, unfinished or finished petroleum products into the U.S.A.
Source : American Petroleum Institute
Contact : IPSA
Location : I.P. Sharp Associates

15. **1961, 1966, 1971 & 1976 Census of Canada Tapes:** Canadian population data from the last four censuses. Information is available at various statistical areas-enumeration areas, census tracts, census subdivisions.
Source : Statistics Canada
Contact : UAPR
Location : University of Alberta

BIBLIOGRAPHIC DATA BASES

1. **ACOPLINE:** Covers all aspects of urban studies including industrial development and environment.
Source : Greater London Council Research Library, London, England.
File Size : 60 000 records
Contact : EURO
Location : European Space Agency, Frascatti, Italy.

2. **AGRICOLA:** A cataloguing and indexing data base providing world-wide coverage of agriculture from the National Agricultural Library.
Source : National Agricultural Library
File Size : 1 708 000 records as of January 1983.
Contact : ARC, BINSL, LET, RED, SCH, UALA,UAME, UASC, UASO, UACM, UNICIS
Location : Dialog Information Retrieval Systems Ltd.

3. **Agricultural Research Projects in European Communities - AGREP:** This information system is designed to collect data on current research projects that are pursued by the European Community member countries in many fields including agricultural, forestry and lumber science.
Source : Commision of European Communities, Luxembourg
File Size : 22 000 records.
Contact : EURO

4. **AGRIS:** Covers worldwide literature in the field of agriculture, forestry science, fisheries and natural conservation.
Source : Food and Agricultural Organization of the United Nations, Rome.

File Size : 840 000 records as of May 1983.
Contact : EURO
Location : Europen Space Agency.

5. **Air Pollution Technical Information Center:** Contains records on air pollution, taken from periodicals, books, conference proceedings,patents, technical reports,and government documents from 1966-1978.
Source : U.S. Environmental Protection Agency
File Size : 89 000 records as of January 1983.
Contact : ARC, BINSL, LET, RED, SCH, UALA, UAME, UCME, UASC, UNICIS
Location : Dialog Information Retrieval Systems Ltd.

6. **Alberta Legislative Information - ALI:** ALI indexes legislation which is currently available from the Alberta Public Affairs Bureau, Publications and Statutes Branch.
Source : Alberta Public Affairs Bureau, Publications and Statutes
File Size : 1 001 records as of January 1983.
Contact : AOSI, BINSL, COAL, GEO, LET, RED, SWERP, TPB, UALA, UASC, UNICIS
Location : University of Alberta.

7. **Alberta Oil Sands Index AOSI (CAN/OLE):** The bibliographic data base is a compilation of keyword references to technical literature about oil sands deposits approximate to Alberta.
Source : Alberta Oil Sands Information Centre, Alberta Research Council
File Size : 7 400 records
Contact : ARC, BINSL, LET, RED, UASC, UCME, UNICIS
Location : Canada Institute for Scientific and Technical Information, NRC Canada.

8. **Alberta Oil Sands Index - AOSI (QL):** Contains selected world references to articles, reports, papers, and patents on the Alberta Oil Sands (bitumen) analysis, development, processing and production, environmental and social issues.
Source : Alberta Oil Sands Information Center, Alberta Research Council
File Size : 7 408 records
Contact : ARC, BINSL, LET, UALA, UASC, UNICIS
Location : QL Systems Ltd.

9. **Alberta Oil Sands Index - AOSI (U of A):** This data base is a bibliographic compilation of keyworded references to technical literature about oil sands deposits in Alberta.
Source : Alberta Oil Sands Information Center, Alberta Research Council
File Size : 7 400 records
Contact : BINSL, COAL, GEO, LET, RED, SWERP, TPB, UAED, UASC, UNICIS
Location : University of Alberta.

10. **APILIT:** Covers citations to the refining literature in such areas as petroleum refining and petrochemicals, air and water conservation, transportation and storage, and petroleum substitutes.
Source : American Petroleum Institute
File Size : 333 329 records as of January 1983.
Contact : ARC, BINSL, UAME, UASC, UNICIS
Location : Systems Development Corporation.

11. **APIPAT:** Covers citations to refining patents, both U.S. and foreign, in the same subject areas covered by APILIT.
Source : American Petroleum Institute
File Size : 134 088 records as of January 1983.

Contact : ARC, BINSL, UAME, UASC, UNICIS
Location : Systems Development Corporation.

12. **Aquatic Sciences and Fisheries Abstracts - ASFA (CAN/OLE)**:A bibliographic data base providing world-wide literature on the science, terminology, and management of marine and freshwater environments.
Source : FAO, International Oceanographic Commission of UNESCO and the UN Department of Economic and Social Affairs
File Size : 147 864 records
Contact : ARC, BINSL, CPL, UNICIS
Location : Canada Institute for Scientific and Technical Information, NRC Canada.

13. **Aquatic Sciences and Fisheries Abstracts - ASFA (DIALOG)**: Comprehensive data base on the science, technology and management of marine and freshwater environments.
Source : N/A
File Size : 83 000 records
Contact : ARC, BINSL, LET, RED, SCH, UALA, UAME, UASC, UCME, UNICIS
Location : Dialog Information Retrieval Systems Ltd.

14. **Aquatic Sciences and Fisheries Abstracts - ASFA (QL)**: World wide literature on the science, technology and management of marine and freshwater environments.
Source : N/A
File Size : 99 739 records as of January 1983.
Contact : ARC, BINSL, LET, UALA, UASC, UNICIS
Location : QL Systems Ltd.

15. **AQUACULTURE**: Contains citations, some with abstracts, on the growing of marine, brackish, and freshwater organisms.
Source : N/A
File Size : 9 000 records as of January 1980.
Contact : ARC, LET, SCH, UALA, UASC, UNICIS
Location : Dialog Information Retrieval Systems Ltd.

16. **AQUALINE**: This data base provides access to information on every aspect of water, waste water, and the aquatic environment.
Source : N/A
File Size : 39 336 records as of January 1983.
Contact : ARC, BINSL, LET, RED, SCH, UALA, UAME, UASC, UCME, UNICIS
Location : Dialog Information Retrieval Systems Ltd.

17. **ASTIS - Arctic Science and Technology Information System (QL)**: ASTIS is a collection of bibliographic citations which provide access to information about the Arctic environment. All aspects of the Arctic and alpine areas are covered including natural sciences, technology, social sciences and humanities.
Source : Arctic Institute of North America, University of Calgary
File Size : 9 637 records as of January 1983.
Contact : ARC, BINSL, UALA, UASC, UNICIS
Location : QL Systems Ltd.

18. **ASTIS - Arctic Science and Technology Information System (U of A)**: ASTIS is a collection of bibliographic citations which provide access to information about the Arctic environment. All aspects of the North covered including natural sciences.

Source : Arctic Institute of North America.
File Size : 13 330 records as of January 1984.
Contact : AINA, AOSI, COAL, GEO, LET, RED, SWERP, TPB, UASC, UNICIS
Location : University of Alberta.

19. **Automated Library Information System - ALIS:** Contains references to monographs and serial holdings of the National Technical Library of Denmark and five other technical libraries.
Source : National Technical Library of Denmark
File Size : 120 000 records as of May 1983.
Contact : EURO
Location : I/S Datacentralen, Valley Copenhagen, Denmark.

20. **BA and BA79-Biological Abstracts:** Contains references on all aspects of the life sciences, including agriculture, and ecology.
Source : National Research Council, Canadian Institute of Scientific and Technical Information.
File Size : 333 329 records as of January 1983.
Contact : AOSI, ARC, BINSL, LET, RED, UAME, UASC, UCME, UNICIS
Location : Systems Development Corporation.

21. **BADADUQ:** Contains references on all aspects of water resources.
Source : INRS
File Size : 7 000 records as of December 1982.
Contact : Service de Documentation, INRS
Location : Service de Documentation I.N.R.S.

22. **BIOLOGICAL ABSTRACTS - BIOSIS PREVIEWS (BRS):** Contains references on all aspects of bioscience and biomedicine. Contains Biological Abstracts and Bioresearch Index.
Source : Biosciences Information Service of Biological Abstracts
Contact : ARC, UAME, UASC, UNICIS
Location : BRS - Bibliographic Retrieval Services.

23. **BIOLOGICAL ABSTRACTS - BIOSIS PREVIEWS (DIALOG):** A major English language service providing comprehensive worldwide coverage of research in the life sciences, biosciences and biomedicine.
Source : Biosciences Information Service of Biological Abstracts
File Size : 3 700 000 records as of January 1983.
Contact : ARC, BINSL, LET, RED, SCH, UALA, UAME, UASC, UCME, UNICIS
Location : Dialog Information Retrieval Systems Ltd.

24. **BOREAL (Boreal Library Catalogue):** BOREAL is a data bank of the acquisitions of the Boreal Institute for Northern Studies Library.
Source : Boreal Institute for Northern Studies Library
File Size : 22 755 records as of January 1983.
Contact : AOSI, BINSL, COAL, GEO, LET, RED, SWERP, TPB, UASC, UNICIS
Location : University of Alberta.

25. **BOREAL NORTHERN TITLES (BNT):** The BNT data base is an index to English titles and authors taken from publications received by the library of the Boreal Northern Institute for Northern Studies.
Source : University of Alberta
File Size : 88 474 records as of January 1983.
Contact : ARC, BINSL, LET, UALA, UASC, UNICIS
Location : QL Systems Ltd.

26. **BRASSICAS AND ASSOCIATED OILSEED CROPS (BAOC):** Provides references to reprints reports, conference proceedings and other documents dealing with rapeseed, mustard and associated oil seeds.
Source : Agriculture Canada Research Station
File Size : 10 700 records as of December 1982.
Contact : AGR
Location : Agriculture Canada Research Station.

27. **CANADIAN ENVIRONMENT - CENV:** A bibliographic reference to reports and publications of Fisheries and Environment Canada and other government agencies.
Source : Fisheries and Environment Canada
File Size : 55 732 records as of January 1983.
Contact : ARC, BINSL, LET, UALA, UASC, UNICIS
Location : QL Systems Ltd.

28. **CANADIAN HYDROLOGICAL OPERATIONAL MULTI-PURPOSE SUB-PROGRAM (CHOMPS):** Contains information on hydrological technology operationally used in network design observations, collection, etc. and CHOMS reference articles on Canadian hydrological technology.
Source : World Meteorological Organization, HOMS National Reference Center for Canada
File Size : 285 records as of January 1983.
Contact : ARC, BINSL, LET, UALA, UASC, UNICIS
Location : QL Systems Ltd.

29. **Coal Abstract - COAL-ABS (U of A):** This bibliographic data base provides information on the various facets of coal conversion (liquefaction and gasification), beneficiation, geology, mining technology and environmental aspects. Coal-ABS includes international information from periodicals, reports, conference proceedings, patent applications and dissertations. The data base currently cites over 14 000 documents.
Source : Coal Technology Information Centre, Alberta Research Council
File Size : 14 569 records as of January 1984.
Contact : AOSI, ARC, BINSL, COAL, GEO, LET, LRIS, RED, SWERP, TPB, UASC, UNICIS
Location : University of Alberta.

COAL DATABASE - IEA (CAN/OLE): World-wide coverage of books, journal, reports, dissertations and conference proceedings in the field of coal science and technology.
Source : IEA Coal Research Information Service
File Size : 47 500 records as of January 1983.
Contact : AOSI, ARC, BINSL, LET, RED, UASC, UCME, UNICIS
Location : Canada Institute for Scientific and Technical Information, NRC Canada.

Coal Research Projects - COALPRO (CAN/OLE): Research projects in coal science and technology as reported by governments, universities, industries, and research establishments of most coal producing countries.
Source : IEA Coal Research Information Service
File Size : 6 307 records
Contact : AOSI, ARC, BINSL, LET, RED, UASC, UCME
Location : Canada Institute for Scientific and Technical Information, NRC Canada.

30. **COLD REGIONS (SDC):** A bibliographic data base covering world literature in all scientific and technical subject areas pertaining to snow, ice, permafrost or frozen ground.
Source : U.S. Library of Congress, Science and Technology Division
File Size : 83 763 records as of January 1983.
Contact : ARC, BINSL, UAME, UASC, UNICIS

Location : Systems Development Corporation.

31. **Commonwealth Agricultural Bureau Abstracts - CAB:** More than 8 500 periodicals in 17 languages covering agricultural and biological information are scanned annually by CAB as well as books, reports, and other publications.
Source : Commonwealth Agricultural Bureaux
File Size : 1 344 000 records
Contact : ARC, BINSL, LET, RED, SCH, UALA, UAME, UASC, UCME, UNICIS
Location : Dialog Information Retrieval Systems Ltd.

32. **CRIS/USDA (DIALOG):** Current research in agriculture and related sciences.
Source : U.S. Department of Agriculture
File Size : 350 000 records as of January 1983.
Contact : ARC, BINSL, LET, RED, SCH, UALA, UAME, UASC, UCME, UNICIS
Location : Dialog Information Retrieval Systems Ltd.

33. **Data Reference - DREF (QL):** Detailed references to Canadian data collections and data systems on water resources, land, forestry and wildlife collected by or held by Environment Canada, provincial agencies and private firms.
Source : WATDOC, Fisheries and Environment Canada
File Size : 855 records as of February 1983.
Contact : ARC, BINSL, LET, UALA, UASC, UNICIS
Location : QL Systems Ltd.

34. **Delft Hydraulic Laboratory - DEL (QL):** References, with a brief abstract, to world literature on hydrology and related studies.
Source : Delft Hydraulics Laboratory
File Size : 31 813 records as of December 1982.
Contact : ARC, BINSL, LET, UALA, UASC, UNICIS
Location : QL Systems Ltd.

35. **Directory of Federally Supported Research in Universities - IEC (CAN/OLE):** A national repository for university-based research projects in Canada from 1971 to 1976.
Source : National Research Council Canada, Canadian Institute for Scientific and Technical Information
File Size : 108 600 records as of January 1983.
Contact : ARC, BINSL, LET, UALA, UASC, UNICIS
Location : Systems Development Corporation.

36. **ELIAS (CAN/OLE):** Provides access to the holdings of over 15 participating libraries. The file includes fully catalogued records, for serials, monographs, conferences and technical reports.
Source : Environment Canada, Departmental Library
File Size : 324 000 records as of January 1983.
Contact : AOSI, ARC, BINSL, LET, RED, UASC, UCME, UNICIS
Location : Canada Institute for Scientific and Technical Information, NRC Canada.

37. **ENERGY - ENG (QL):** A bibliographic data base prepared by Energy, Mines and Resources Canada in co-operation with the provincial energy departments which consists of abstracts of ongoing energy projects in Canada.
Source : Canada Department of Energy, Mines and Resources
File Size : 1 344 records as of December 1982.
Contact : ARC, CPL, RED, UASC, UNICIS

Location : QL Systems Ltd.

38. **Energy Bibliography and Index - EBIB (SDC):** Covers worldwide literature on energy from the Texas A and M Library collection.
Source : Gulf Publishing Company, Texas A and M University Library
File Size :14 000 records as of January 1983.
Contact : ARC, BINSL, UAME, UASC, UNICIS
Location : Systems Development Corporation.

39. **Energy Data Base - EDB (SDC):** This bibliographic data base provides extensive information on a broad range of subjects including solar, wind, tidal, fusion, nuclear, and geothermal energies and others.
Source : U.S. Department of Energy
File Size : 800 000 records as of December 1982.
Contact : ARC, BINSL, UAME, UASC, UNICIS
Location : Systems Development Corporation.

40. **Energy Programs - ENP (QL):**
A bibliographic data base containing descriptions of federal and provincial energy programs.
Source : Canada Department of Energy, Mines and Resources in conjunction with the provinces
File Size : 67 records as of December 1982.
Contact : ARC, BINSL, LET, UALA, UASC, UNICIS
Location : QL Systems Ltd.

41. **ENERGYLINE (DIALOG):** A bibliographic data base covering a full range of scientific, technical, socio-economic, governmental policy and planning and current affairs information. Includes congressional committee prints, conference proceedings, speeches, books and statistics.
Source : Environment Information Centre
File Size : 43 000 records as of January 1983.
Contact : ARC, BINSL, LET, LRIS, RED, SCH, UALA, UAME, UASC, UCME, UNICIS
Location : Dialog Information Retrieval Systems Ltd.

42. **ENERGYLINE (SDC):** A bibliographic data base containing journal literature, reports, conferences and monographs covering energy and energy-related subject areas.
Source : Energy Information Centre, New York, New York.
File Size : 26 171 records as of January 1980.
Contact : ARC, BINSL, UAME, UASC, UASO, UNICIS
Location : Systems Development Corporation.

43. **ENERGYNET (DIALOG):** Contains up-to-date, directory-type information on over 3 000 organizations and over 8 000 people in energy related fields.
Source : N/A
File Size : 3 000 records as of January 1982.
Contact : ARC, CPL, LET, SCH, UALA, UNICIS
Location : Dialog Information Retrieval Systems Ltd.

44. **ENVIRODOQ (INFORMATECH):** This is a bibliography of the literature on the technological planning, legal, geological and social sciences aspects of the environment of Quebec.
Source : Informatech
File Size : 3 700 records as of August 1983.
Contact : Ontario, Quebec
Location : INFOMATECH

45. **ENVIROLINE (DIALOG):** A bibliographic data base containing literature related to environmental studies taken from journals, conference proceedings, government and institution reports.
Source : Environment Centre, New York, New York.
File Size : 98 000 records as of January 1983.
Contact : ARC, BINSL, UAME, UASC, UNICIS
Location : Dialog Information Retrieval Systems Ltd.

46. **ENVIROLINE (SDC):** A bibliographic data base containing literature related to environmental studies taken from journals, conference proceedings, government and institution reports.
Source : Environment Centre, New York, New York.
File Size : 98 219 records as of January 1983.
Contact : ARC, BINSL, UAME, UASC, UNICIS
Location : Systems Development Corporation.

47. **ENVIRONMENTAL BIBLIOGRAPHY - ENVB (DIALOG):** This bibliographic data base indexes more than 250 periodicals to provide information in the fields of general human ecology; atmospheric studies; energy,land and water resources.
Source : Environmental Studies Institute, Santa Barbara, California
File Size : 212 000 records as of January 1983.
Contact : ARC, BINSL, LET, LRIS, RED, SCH, UALA, UAME, UASC, UCME UNICIS
Location : Dialog Information Retrieval Systems Ltd.

48. **ENVIRONMENT - ENV (QL):** This bibliographic data base contains French-language documents relevant to Canada's environment. Published and unpublished documents dealing with water, air, wildlife, forestry, land and other environmental subjects are abstracted.
Source : WATDOC, Environment Canada
File Size : 7 755 records as of December 1982.
Contact : ARC, BINSL, LET, UALA, UASC, UNICIS
Location : QL Systems Ltd.

49. **Food and Agricultural Organization - FOA (IDRC):** Provides Worldwide coverage of documents written by or for FAO including such topics as agriculture, crops and soil, botany and more.
Source : Food and Agriculture Organization. Rome, Italy.
File Size : 39 661 records as of January 1984.
Contact : ARC, UALA, UASC, UCME
Location : IDRC, International Development Research Centre.

50. **Food Science and Technology Abstracts - FSTA (DIALOG):** This file contains data that will support research by scientists, technologists, marketing personnel, teachers, and scholars working in the areas related to food science including agriculture and agricultural engineering.
Source : International Food Information Service
File Size : 218 000 records
Contact : ARC, BINSL, LET, RED, SCH, UALA, UAME, UCME
Location : Dialog Information Retrieval Systems Ltd.

51. **Forest Products - AIDS (SDC)** This world-wide bibliographic data base provides coverage of the entire wood products industry with the exception of chemical pulping and forestry practices.
Source : N/A
File Size : 16 300 records as of January 1983.
Contact : ARC, BINSL, UAME, UASC, UNICIS

Location : Systems Development Corporation.

52. **GEOARCHIVE (DIALOG):** GEOARCHIVE includes: Geotitles Weekly, Geocom Bulletin, Geoscience Documentation, and Bibliography of Vertebrae Palaeontology.
Source : N/A
File Size : 415 000 records as of January 1983.
Contact : ARC, BINSL, LET, RED, SCH, UALA, UAME, UASC, UCME, UNICIS
Location : Dialog Information Retrieval Systems Ltd.

53. **GEODIAL (U of A):** This is a bibliographic data base of various geological reports and information. Sponsored by the Alberta Research Council, GEODIAL uses input data from GEOSCAN (Canadian Index of Geoscience Data) and publications of the Canadian Society of Petroleum Geologists.
Source : Alberta Research Council, Geological Survey Department
File Size : 4 497 records as of February 1982.
Contact : ARC, GEO, UASC, UNICIS
Location : University of Alberta.

54. **GEOLINE (FEPMEL):** Covers worldwide literature in the field of geoscience as well as hydroeconomy, hydrology and hydrochemistry
Source : Federal Institute for Geosciences and Natural Resources
File Size : 250 000 records as of May 1983.
Contact : EURO

55. **Geological References - GEOREF (CAN/OLE):** Contains references on all aspects of the geoscience or earth science literature. Over 5 000 journals in 44 languages are regularly scanned to add about 5 500 new references to the file each month. Coverage includes journal articles, conference proceedings, books, reports, government publications, theses, maps, etc.
Source : American Geological Institute, Falls Church VA.
File Size : 774 000 records as of January 1983.
Contact : AOSI, ARC, BINSL, LET, RED, UASC, UCME, UNICIS
Location : Canada Institute for Scientific and Technical Information, NRC Canada.

56. **Geological References - GEOREF (DIALOG):** Provides comprehensive world-wide coverage of the literature on geology and geophysics.
Source : American Geological Institute
File Size : 772 000 records as of January 1983.
Contact : ARC, BINSL, LET, LRIS, RED, SCH, UALA, UAME, UASC, UCME, UNICIS
Location : Dialog Information Retrieval Systems Ltd.

57. **Geological References - GEOREF (SDC):** Provides worldwide coverage of the geosciences literature in 29 different fields. The data base covers approxiamately 3 000 journals and includes additional coverage of conferences, symposia and major monographs.
Source : American Geological Institute.
File Size : 774 000 records as of January 1983.
Contact : ARC, BINSL, UAME, UASC, UNICIS
Location : Systems Development Corporation.

58. **GEOSCAN (GEOLOGICAL SURVEY OF CANADA):** This bibliographic data base identifies published and unpublished geological and related documents dealing with the Canadian landmass and its offshore regions.
Source : National GEOSCAN Centre, Ottawa, Ontario.

File Size : 66 970 records as of March 1982.
Contact : no Alberta contact
Location : National GEOSCAN Centre, Geological Survey of Canada.

59. **Government of Alberta Publications - GAP (U of A):** The GAP data base contains bibliographic records of publications of the Alberta government.
Source : Public Affairs Bureau, Government of Alberta
File Size : 18 039 records as of January 1984.
Contact : AOSI, BINSL, COAL, GEO, LET, RED, SWERP, TPB, UALA, UASC, UNICIS
Location : University of Alberta.

60. **Heavy Oil/Enhanced Recovery Index - HERI (QL):** Contains citations and abstracts of the world wide literature on or related to heavy oil and enhanced recovery processes.
Source : Alberta Oil Sands Information Center
File Size : 1 150 records as of January 1983.
Contact : AOSI, BINSL, COAL, GEO, LET, RED, SWERP, TPB, UASC, UNICIS
Location : QL Systems Limited.

61. **Heavy Oil/Enhanced Recovery Index - HERI (U of A):** Contains citations and abstracts of the world wide literature on or related to heavy oil and enhanced recovery processes.
Source : Alberta Oil Sands Information Center
File Size : 1 100 records as of January 1983.
Contact : AOSI, BINSL, COAL, GEO, LET, RED, SWERP, TPB, UASC, UNICIS
Location : University of Alberta.

62. **International Nuclear Information System - INIS (CAN/OLE):** Covers all aspects of the peaceful applications of atomic energy, including the fields of physics, chemistry, life sciences, economics, law, etc.
Source : Canada Institute for Scientific and Technical Information, National Research Council Canada
File Size : 713 000 records as of January 1983.
Contact : AOSI, ARC, BINSL, LET, RED, UASC, UCME, UNICIS
Location : Canada Institute for Scientific and Technical Information, NRC Canada.

63. **International Road Research Documentation - IRRD (ESA):** Covers worldwide literature in the field of road research - the design of roads and related structures, materials, soils, and rock mechanics, construction, maintenance, traffic and administration.
Source : Road Research Program, OECD
File Size : 140 000 records as of January 1983.
Contact : EURO
Location : European Space Agency.

64. **Inventory of Current Agricultural Research - ICAR (CAN/OLE):** This data base is an inventory of all current agricultural research and development projects in Canada.
Source : Canada Institute for Scientific and Technical Information, National Research Council Canada.
File Size : 4 200 records as of January 1983.
Contact : AOSI, ARC, BINSL, LET, RED, UASC, UCME, UNICIS
Location : Canada Institute for Scientific and Technical Information, NRC Canada.

65. **Life Sciences Collection - IRL/LSC (DIALOG):** Contains abstracts and bibliographic citations from recent worldwide research literature in major areas of biology, medicine, biochemistry, ecology, and microbiology, and in some aspects of agriculture and veterinary medicine.

Source : N/A
File Size : 420 000 records as of January 1983.
Contact : ARC, BINSL, LET, RED, SCH, UALA, UAME, UASC, UCME, UNICIS
Location : Dialog Information Retrieval Systems Ltd.

66. **METEOROLOGICAL AND GEOASTROPHYSICAL ABSTRACTS - MGA (DIALOG):** Provides current citations in English for the most important meteorological and geoastrophysical research published in worldwide literature sources.
Source : American Meteorological Society
File Size : 94 000 records as of January 1983.
Contact : ARC, BINSL, LET, RED, SCH, UALA, UAME, UASC, UCME, UNICIS
Location : Dialog Information Retrieval Systems Ltd.

67. **Mining Technology - MNT (QL):** Abstracted are keyworded refernces to literature on mining technology and related topics.
Source : CANMET (Energy, Mines and Resources Canada)
File Size : 22 444 records as of January 1983.
Contact : ARC, BINSL, LET, UALA, UASC, UNICIS
Location : QL Systems Limited/

68. **Oil Sands Researchers and Research Projects (PAPF):** A data base containing references to 363 active researchers and descriptions of 253 research projects in the fields of oil sands, Heavy oil, and in enhanced recovery.
Source : University of Alberta
File Size : 363 records as of January 1983.
Contact : AOSI, ARC, UASC, UNICIS
Location : University of Alberta.

69. **ONTAP BIOSIS PREVIEWS (DIALOG):** Contains citations from both Biological Abstracts and Biological Abstracts/Reports, Reviews, and Meetings. It includes citations from more than 9 000 worldwide serial titles, books, review journals, conference proceedings, technical reports and letters.
Source : Biological Abstracts
File Size : 24 167 records
Contact : ARC, BINSL, LET, RED, SCH, UALA, UAME, UASC, UCME, UNICIS
Location : Dialog Information Retrieval Systems Ltd.

70. **PESTICIDE RESEARCH INVENTORY - PRI (Agriculture Canada):** This data base is an inventory of pesticide research and development in Canada.
Source : Agriculture Canada, Research Branch
File Size : 5 500 records as of December 1981.
Contact : Ontario/ICAR
Location : Agriculture Canada, Research Branch.

71. **Petroleum Abstracts - TULSA (SDC):** Covers oil and gas exploration, development, and production.
Source : University of Tulsa. Information Services Division
File Size : 280 687 records as of January 1983.
Contact : ARC, BINSL, UAME, UASC, UNICIS
Location : Systems Development Corporation.

72. **Periodicals Publishing Record - PPR (U of A):** Contains data on currently published Alberta government periodicals available to the public. The purpose of this subfile is to provide all pertinent information

for those interested in accessing periodicals. Excluded from PPR are annual reports and discontinued titles. These are included in GAP.
Source : Public Affairs Bureau, Government of Alberta
File Size : 105 records as of January 1982.
Contact : AOSI, BINSL, COAL, GEO, LET, RED, SWERP, TPB, UALA, UASC UNICIS
Location : University of Alberta.

73. **Pollution Abstracts (BRS):** Covers foriegn and domestic reports, journals, contracts, patents, symposia, and government documents in the area of pollution control and research.
Source : Pollution Abstracts Inc.
File Size : 88 627 records as of January 1983.
Contact : ARC, UASC, UAME, UNICIS
Location : BRS - Bibliographic Retrieval Services.

74. **Pollution Abstracts (Dialog):** Covers all types of literature on pollution, its sources, and its control.
Source :
File Size : 88 000 records as of January 1983.
Contact : ARC, BINSL, LRIS, RED, SCH, UALA, UAME, UASC, UCME, UNICIS
Location : Dialog Information Retrieval Systems Ltd.

75. **POWER (SDC):** Represents the complete cataloging records for the main book collection of the Department of Energy's Library.
Source : U.S. Department of Energy
File Size : 29 010 records as of January 1983.
Contact : ARC, BINSL, UAME, UASC, UNICIS
Location : Systems Development Corporation.

76. **Registry of Toxic Effects of Chemical Substances - RTECS (NLM):** Acute toxicity data of chemical substances as reported in the literature. May contain threshold limit values, recommended standards in air and aquatic toxicity data.
Source : National Institute for Occupational Health and Safety
File Size : 57 085 records as of December 1982.
Contact : ARC, UAME, UCME
Location : Canada Institute for Scientific and Technical Information, NRC Canada.

77. **Remote Sensing On-Line Retrieval System (RESORS):** Documents and slides pertaining to instrumentation techniques and applications of remote sensing, photogrammetry and image analysis.
Source : Canada Center for Remote Sensing, Energy, Mines and Resources Canada.
File Size : 36 000 records as of January 1983.
Contact : B.C., Nfld., Ontario, Quebec, Nova Scotia
Location : Canada Centre for Remote Sensing.

78. **Science and Technology Databank - SCITECH (U of A):** The SCITECH data base contains the records of materials held by three libraries : Alberta Agriculture, Alberta Environment, and the Alberta Research Council. Main subject areas are science, technology and public administration. All items are assigned Library of Congress subject headings and call numbers. Mostly items are appearing in the data base may be borrowed; standard interlibrary loan forms are required. A basic tutorial on searching the data base is available once the subfile has been selected.
Source : University of Alberta
File Size : 33 266 records as of January 1983.
Contact : AOSI, BINSL, COAL, GEO, LET, RED, SWERP, TPB, UASC, UNICIS
Location : University of Alberta.

79. **Selected Water Resources Abstracts - SWR (QL):** World scientific and technical literature covering the water related aspects of the life, physical, and social sciences.
Source : Water Resources Scientific Center, U.S. Department of the Interior. WATDOC, Environment Canada
File Size : 64 700 records as of January 1983.
Contact : ARC, BINSL, LET, UALA, UASC, UNICIS
Location : QL Systems Ltd.

80. Solar and Wind Energy Research Program, refer to "Solar and Wind Energy Research Program (SWERP) Manual File" on page 364.

81. **Solid Waste Management - SOL (QL):** References to completed ongoing solid waste management, recovery and utilization projects are contained in the bibliographic data base. Both government and private funded projects are referenced.
Source : Solid Waste Management Branch, Environmental Protection Service, WATDOC, Environment Canada
File Size : 215 records as of January 1983.
Contact : ARC, BINSL, LET, UALA, UASC, UNICIS
Location : QL Systems Ltd.

82. **SPRAYING (Agriculture Canada):** Contains references to reprints, reports, conference proceedings, and other documents dealing with the application of herbicides and pesticides.
Source : Agriculture Canada, Research Station
File Size : 4 500 records as of December 1982.
Contact : SASK/AGR
Location : Agriculture Canada, Research Station, Saskatoon, Saskatchewan (306-343-8214).

83. **STATUTES OF ALBERTA (QL):** A listing of the statutes of Alberta updated after every session of the Legislative Assembly.
Source : Alberta Department of the Attorney General
Contact : ARC, BINSL, UALA, LET, UASC, UNICIS
Location : QL Systems Ltd.

84. **TRIS (DIALOG):** TRIS is a composite file dealing with the planning development, operation, and performance of transportation systems these include highways, maritime, railroad, and air transport TRIS also includes records from the MRIS.
Source : U.S. Department of Transportation
File Size : 168 000 records as of January 1983.
Contact : ARC, BINSL, LET, RED, SCH, UALA, UAME, UASC, UCME, UNICIS
Location : Dialog Information Retrieval Systems Ltd.

85. **WATER RESOURCES ABSTRACTS - WATABS (DIALOG):** Offers a comprehensive range of water-related topics in the life, physical, and social sciences.
Source : N/A
File Size : 161 000 records as of January 1983.
Contact : ARC, BINSL, LET, RED, SCH, UALA, UASC, UCME, UNICIS
Location : Dialog Information Retrieval Systems Ltd.

86. **WATERLIT (SDC):** Covers international literature on water resources and water-related topics.
Source : South African Water Information Centre

File Size : 62 189 records as of January 1983.
Contact : ARC, BINSL, UAME, UASC, UNICIS
Location : Systems Development Corporation.

87. **WATERNET (DIALOG):** Provides an index of publications of the American Water Works Association and AWWA Research Foundation. Subjects as the drinking water industry, water reuse, and industrial water use.
Source : American Water Works Association
File Size : 6 100 records as of January 1983.
Contact : ARC, BINS, LET, RED, SCH, UALA, UAME, UASC, UASO, UCME,
Location : Dialog Information Retrieval Systems Ltd. UNICIS

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Bag 4 000
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107 Science Crescent
Saskatoon, Saskatchewan
S7N 0X2 (403) 343-8214

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2500-University Drive, N.W.
Calgary, Alberta
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Mrs. G. Cooke, Librarian
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CW 401, Biological Sciences Building
University of Alberta
Edmonton, Alberta
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Computel Systems Ltd.
600, 333-7th Avenue S.W.
6th Floor, Dome Tower
Toronto Dominion Centre
Calgary, Alberta
T2P 2Z1 (403) 262-7975

CAIPSA
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550 Bow Valley Square 4
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Calgary, Alberta
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1 Oil Patch Drive
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T0C 1E0 (403) 987-8111

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Ottawa, Ontario
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Environmental Protection Service
Environment Canada
14th Floor, Place Vincent Massey
Ottawa, Ontario
K1A 1C8 (613) 997-3352

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Suite 2, 154 Slater Street
Ottawa, Ontario
K1P 5H6 (613) 236-3434

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Ms. Rhonda Elton
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10024-Jasper Avenue
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Alberta Research Council
3rd Floor, Terrace Plaza
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-0555

IPSA
Ms. J. Barichello or Mr. F. Arthur
I. P. Sharp Associates Ltd.
Suite 2358, 10303 Jasper Avenue
Edmonton, Alberta
T5J 2N6 (403) 428-6744

LET
Donna Seyed Mahmoud
University of Lethbridge Library
4401 - University Drive
Lethbridge, Alberta
T1K 3M4 (403) 329-2353

LRIS
W. J. Walker
Land Related Information Services Group
Surveying and Mapping
Alberta Energy and Natural Resources
50th Street Atria
4949 - 94B Avenue
Edmonton, Alberta
T6B 2T5 (403) 427-1413

NAQUA
Dr. Simon Whitlaw
Water Quality Branch
Inland Waters Directorate
Environment Canada
10th Floor
Place Vincent Massey
351-St. Joseph Blvd.
Ottawa, Ontario
K1A 0E7

RED
Mary Lou Armstrong
Readers' Services Librarian
Red Deer College
Learning Resources Centre
56th Avenue-32nd Street
Red Deer, Alberta
T4N 5H5 (403) 342-3344

SCH
Bruce Butler or Jean Andruski
Nichols Applied Management
400, 10180-102nd Street
Edmonton, Alberta
T5J 0W5 (403) 424-0091

SWERP
Mrs. Karen Beliveau
Information Centre
Solar and Wind Energy Research Program
Alberta Research Council
Office Tower, Terrace Inn
4445-Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

TPB
E. Smith
City of Edmonton
Transportation Department
Systems Planning Section
10th Floor, Century Place
9803 - 102A Avenue
Edmonton, Alberta
T5J 3A3 (403) 428-5784

UAED
Education Reference
Herbert T. Coutts (Education) Library
University of Alberta
Edmonton, Alberta
T6G 2G5 (403) 432-3770

UALA
Norah Thompson
Law Library, Law Center
University of Alberta
Edmonton, Alberta
T6G 2M5 (403) 432-3193
(403) 421-8660

UAME
Sylvia Chetner
Health Science Library
University of Alberta
Edmonton, Alberta
T6G 2J8 (403) 432-3791

UAPR
Director, Population Research Laboratory
Department of Sociology
162 Tory Building
University of Alberta
Edmonton, Alberta
T6G 2H4 (403) 432-4659

UASC
Ms. M. Young
Science Division, Cameron Library
University of Alberta
Edmonton, Alberta
T6G 2H4 (403) 438-2728

UASO
Reference Services
Humanities and Social Sciences Library
University of Alberta
(403) 432-5972

UCME
Information Services
Medical Library, Faculty of Medicine
University of Calgary
2920 - 24th Avenue N.W.
Calgary, Alberta
T2N 1N4 (403) 284-6857

UNICIS
Social Science Library
University of Calgary
2500-University Drive N.W.
Calgary, Alberta
T2N 1N4 (403) 284-5962

Ontario Environment
Mr.R.G. Boals
Water Resources Branch
Fisheries and Environment Canada
Place Vincent Massey
Ottawa, Ontario
K1A 0E7 (613) 997-2098

NORTHERN RESEARCH REGISTRY COMPUTERIZED BIBLIOGRAPHY

DETAILS : The Research Registry, established in 1983, contains key information on research completed since 1980 and on current research significant to part and/or all of northern Alberta. The registry is currently stored on an IBM personal computer. The following retrieval services are available to the user:

1. A hard copy print-out of the entire registry
2. Annual updates (sent out in the fall)
3. Upon request to the registry coordinator, the following searches can be conducted by:
    subject
    title
    author
    year
    location
    document
    source/agency/contact

For related information refer to "Northern Water Supply Program" on page 275, and "Natural Resources and Land-Related Data Bases" on page 330.

FILE SIZE : 300 + references

PROJECT DURATION : 1983-

FREQUENCY OF UPDATE : Annually

SOURCE : Alberta Tourism and Small Business, Northern Development Branch.

LOCATION : This data base is currently available to **only** government employees. Further information is available from:

Northern Research Coordinator
Northern Development Branch
Tourism and Small Business
Bag 900-14
Peace River, Alberta
T0H 2X0 (403) 624-6272

OBSERVATION WELL NETWORK MANUAL FILE

DETAILS : Water levels are continually monitored in more than 150 wells, and in over 50 wells manually every 96 or more days. Data are used to determine aquifer behavior during changes in climate, water withdrawal, surface water levels, etc.

For related information refer to "East Central Alberta Regional Groundwater Resource Inventory" on page 111, "Hydrogeology, Miscellaneous Groundwater Geology and Related Maps" on page 134, "Hydrogeological Reconnaissance Map Series" on page 137, "Alberta Research Council Bulletins" on page 220, "Alberta Research Council Earth Sciences Reports" on page 221, "Alberta Research Council Open File Reports" on page 223, "Central Groundwater Data Manual File" on page 308, "Flowing Holes Manual File" on page 319, "Lake Level Manual File" on page 324, "Springs of Alberta Computer File" on page 365, "Water Well Drilling Reports Manual File" on page 372, and "Water Well Information Manual File (Earth Sciences Division)" on page 373.

FILE SIZE : Approx. 15 000 pages

PROJECT DURATION : 1982-

FREQUENCY OF UPDATE : Some every 32 and 96 days with the remainder every 4 to 6 months.

SOURCE : Alberta Environment, Earth Sciences Division, Hydrogeology Branch.

LOCATION : Information may be obtained from:

Groundwater Information Section
Hydrology Branch
Earth Sciences Division
Alberta Environment
14th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-6230

PERMITS FOR MUNICIPAL WATER AND SEWER CONSTRUCTION : MANUAL FILE

DETAILS : Records are maintained on information taken from permit applications for municipal water and sewage construction. Information is maintained within a publication, however, this data is currently being computerized and should be available by April 1985.

For related information refer to "Municipal Drinking Water Quality and Quantity" on page 259.

FILE SIZE : 5 000 + applications

PROJECT DURATION : 1971-

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Environment, Standards and Approvals Division, Municipal Engineering Branch.

LOCATION : Information and files are available from:

Municipal Engineering Branch
Standards and Approvals Division
Alberta Environment
4th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5877

PROVINCIAL PARKS INVENTORY MANUAL FILE

DETAILS : Individual provincial parks and wayside recreational areas are defined into one of the following types: preservation, wildlife, natural environment, recreation or park reserve. Resource characteristics described are climate, geology, soils, base maps, aerial photography, hydrology, limnology, vegetation, fauna, ecology, history, archaeology, biophysical and recreational facilities and services. Additional detailed information is available for Kananaskis Country and its 67 recreational areas.

For related information refer to "Ecological (Biophysical) Land Classification of Banff and Jasper National Parks" on page 113, "Forage Inventory Program" on page 127, "Forest Inventory Mapping" on page 129, "Hydrogeology, Miscellaneous Groundwater Geology and Related Maps" on page 134, "Integrated Resource Inventories" on page 141, "Land Capability for Outdoor Recreation" on page 147, "Land Classification Studies - Ecological" on page 152, "Land Classification Studies - Physical" on page 155, "Provincial Parks : Topographic Maps, Aerial Photographs and Mosaics" on page 174, "Soil Surveys of National and Provincial Parks and Areas Assessed for Parks Planning" on page 183, "Wildlife Key Area Maps" on page 210, "Canoe Alberta : A Guide To Alberta's Rivers" on page 228, "Conservation of Historical and Archaeological Resources in Alberta" on page 230, "Integrated Resource Planning Projects" on page 247, "Kananaskis Country and Surrounding Area Bibliographic References" on page 249, "Wildlife Management Series" on page 296, "Aerial Photography" on page 298, "Bentonites and Limestones Manual File" on page 307, "Climate Inventory and Appraisal Records Computer File" on page 309, "Forest Station Weather Records Computer File" on page 322, and "Natural Resources and Land-Related Data Bases" on page 330.

FILE SIZE : 61 provincial parks,
68 wayside recreational areas and
67 recreational areas within Kananaskis Country.

PROJECT DURATION : 1974-

FREQUENCY OF UPDATE : Continually

SOURCE : Alberta Recreation and Parks, Parks Planning Branch.

LOCATION : Provincial park inventory information may be obtained from:

Resource Planning Section
Parks Planning Branch
Alberta Recreation and Parks
7th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-4666

RECLAIM : A COMPUTERIZED BIBLIOGRAPHY

DETAILS : In 1976 Alberta Environment began compiling an international bibliography of reclamation papers. The intent was to write a review of the literature in the Alberta context and to determine provincial research needs.

For related information refer to "Land Use and Zoning Maps" on page 160, "Alberta Land Use Forum" on page 219, "Erosion of Land in Northwestern Alberta" on page 236, "Integrated Resource Planning Projects" on page 247, "Land Conservation and Reclamation" on page 251, "Maintaining and Expanding the Agricultural Land Base in Alberta" on page 254, and "Natural Resources and Land-Related Data Bases" on page 330.

FILE SIZE : 3 000 + references

PROJECT DURATION : 1976-

FREQUENCY OF UPDATE : Continually

SOURCE : Alberta Environment, Research Management Division.

LOCATION : Information about access to the bibliography is available at:

Computing Services
352 General Services Building
University of Alberta
Edmonton, Alberta
T6G 2J1 (403) 432-3975

Or contact:

Publications Officer
Research Management Division
Alberta Environment
14th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-3946

RESTRICTED AREAS MANUAL FILE (GEOPHYSICAL EXPLORATION)

DETAILS : An ongoing paper file containing diagrams of restricted areas filed by township, range and plot with the accompanying ministerial order for each restricted area in Alberta.

For related information refer to "Alberta 1:190 080 Provincial Forest Reserve (Topographical) Maps" on page 82, "Alberta 1:250 000 Provincial Access Series" on page 85, "Forage Inventory Program" on page 127, "Forest Inventory Mapping" on page 129, "Land Registry Maps" on page 159, "Land Use and Zoning Maps" on page 160, "Metallic Minerals Disposition Maps" on page 162, "Alberta Land Use Forum" on page 219, "Conservation of Historical and Archaeological Resources in Alberta" on page 230, "Integrated Resource Planning Projects" on page 247, "Project Location Reports (Roads)" on page 280, "Recreation Studies in Selected Alberta Communities" on page 281, "Alberta Township System Records" on page 305, "Forest Reserve Grazing Records Manual File" on page 321, "Provincial Parks Inventory Manual File" on page 349, and "Restricted Development Areas Manual File" on page 352.

FILE SIZE : 28 restricted areas

PROJECT DURATION : 1961-

FREQUENCY OF UPDATE : As required.

SOURCE : Alberta Energy and Natural Resources, Mineral Resources Division, Exploration Branch.

LOCATION : Information is available from:

Manager, Explorations and Approvals
and Incentives, Exploration Branch
Mineral Resources Division
Alberta Energy and Natural Resources
6th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-6601

RESTRICTED DEVELOPMENT AREAS MANUAL FILE

DETAILS : The Department of the Environment Act (Section 16) provides for the designation of Restricted Development Areas (RDAs) within the province. Since 1974 thirteen of these designations have been made. The purposes for the individual RDAs differ somewhat, but the need for environmental protection and transportation/utility corridor lands has been two basic reasons for RDA designations.

Within each RDA, subdivision and development applications and proposed land-use changes are reviewed to determine whether they conform to the regulations set up for that particular RDA. Approval from the minister of the Environment is required before any of these changes in land-use are permitted.

Once designated, Restricted Development Area boundaries are not entirely static but may be redefined as more information becomes available. Minor amendments involving small deletions of land or clarification of boundaries have been made to the Calgary, Edmonton, Edmonton-Devon, Edmonton-Fort Saskatchewan and Sherwood Park West Restricted Development Areas.[60]

In 1979, conceptual development plans were finalized for the Edmonton and Calgary Transportation and Utility Corridors which established the primary land uses as: a limited access freeway, buffers, petroleum products pipelines, high voltage power transmission lines and local service utilities.

Regulations for Restricted Development Areas are in effect for the following locations:

1. Blue Ridge
2. Calgary
3. Capital Recreation Park
4. Edmonton
5. Edmonton-Devon
6. Edmonton-Fort Saskatchewan
7. Fish Creek
8. Fort McMurray Settlement
9. Lethbridge
10. Pinehurst Lake
11. Sherwood Park West
12. Strathcona
13. Turtle Mountain

A schedule of land descriptions is appended to each Restricted Development Area Regulation.

For related information refer to "Alberta 1:190 080 Provincial Forest Reserve (Topographical) Maps" on page 82, "Alberta 1:250 000 Provincial Access Series" on page 85, "Forage Inventory Program" on page 127, "Forest Inventory Mapping" on page 129, "Land Registry Maps" on page 159, "Land Use and Zoning Maps" on page 160, "Metallic Minerals Disposition Maps" on page 162, "Alberta Land Use Forum" on page 219, "Conservation of Historical and Archaeological Resources in Alberta" on page 230, "Integrated Resource Planning Projects" on page 247, "Project Location Reports (Roads)" on page 280, "Recreation Studies in Selected Alberta Communities" on page 281, "Alberta Township System Records" on page 305, "Forest Reserve Grazing Records Manual File" on page 321, "Provincial Parks Inventory Manual File" on page 349, and "Restricted Areas Manual File (Geophysical Exploration)" on page 351.

FILE SIZE : 13 areas

PROJECT DURATION : 1973-

SOURCE : Alberta Environment, Environmental Assessment Division, Restricted Land Use Branch.[61]

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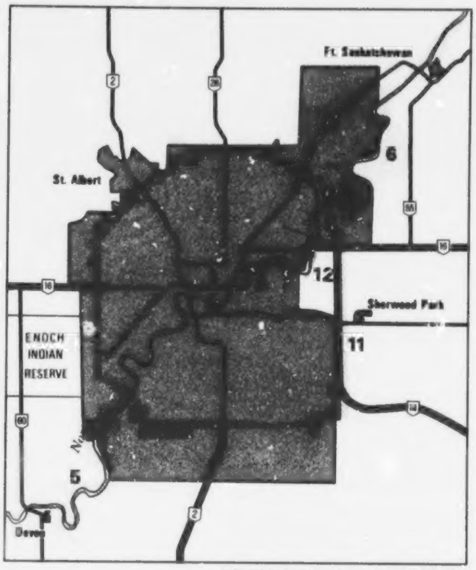
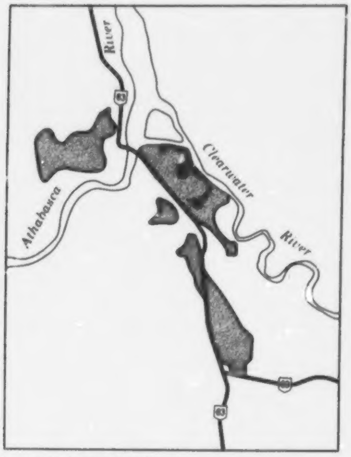
[60] At present, the Restricted Land Use Branch is actively involved in research studies related to the Restricted Development Area programs. For the Edmonton-Devon Restricted Development Area, a study is underway to assess the physical and ecological characteristics of the North Saskatchewan River Valley. When complete the study will be used to provide a basis for evaluating proposed land-use changes in the river valley.

[61] Information contained within this entry is current as of June 1, 1984. Legislative changes are anticipated in early 1985 which will have a bearing on the restricted development areas



Ft. Saskatchewan
St. Albert
6
12
Sherwood Park
11
ENOCH INDIAN RESERVE
5
Devon
2
28
37
16
14
60

EDMONTON and REGION RESTRICTED DEVELOPMENT AREA



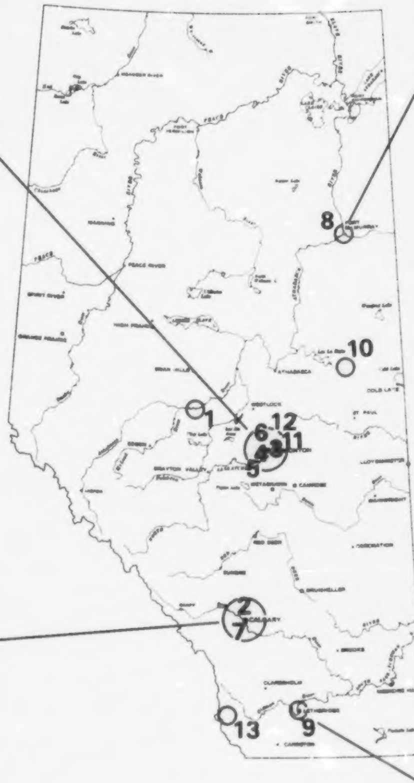
River
Athabasca
Clearwater
River
63

FT. McMURRAY RESTRICTED DEVELOPMENT AREA

Alberta Environment

LOCATIONS OF RESTRICTED DEVELOPMENT AREAS

Detailed maps available from Environment Restricted Land Use Branch



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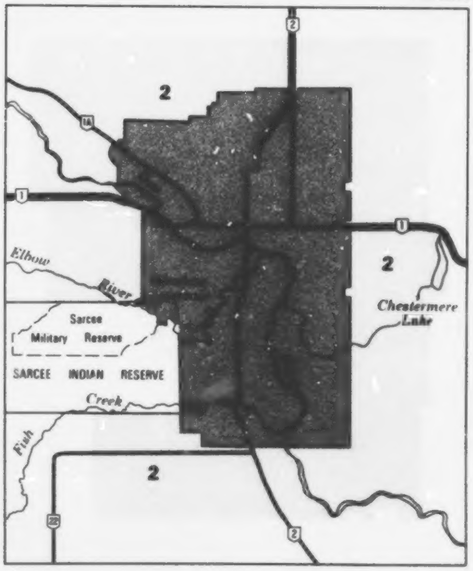
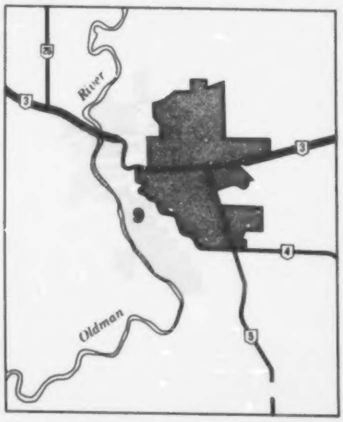
1 BLUERIDGE
2 CALGARY
3 CAPITAL CITY PARK
4 EDMONTON
5 EDMONTON-DEVON
6 EDMONTON-FORT SASKATCHEWAN
7 FISH CREEK
8 FORT McMURRAY
9 LETHBRIDGE
10 PINEHURST LAKE
11 SHERWOOD PARK WEST
12 STRATHCONA
13 TURTLE MOUNTAIN

CALGARY and FISH CREEK RESTRICTED DEVELOPMENT AREA



2
2
2
Elbow
River
Chestermere Lake
Sarcee Military Reserve
SARCEE INDIAN RESERVE
Fish
Creek
1
1A
2
22

LETHBRIDGE RESTRICTED DEVELOPMENT AREA



River
Oldman
3
25
4
5

LOCATION : Access to information varies depending upon the RDA; for information regarding availability, contact:

Restricted Land Use Branch
Environmental Assessment Division
Alberta Environment
15th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-6208

RIVER WATER QUALITY SURVEYS COMPUTER FILE

DETAILS : An ongoing computer accessible file related to chemical and biological characteristics of the following Alberta rivers:

1. Athabasca River
2. Beaver River
3. Bow River
4. North Saskatchewan River
5. Oldman River
6. Peace River
7. Red Deer River
8. Smoky River
9. South Saskatchewan River

For related information refer to "Municipal Drinking Water Quality and Quantity" on page 259, "Permits for Municipal Water and Sewer Construction : Manual File" on page 349, "Routine Water Quality Monitoring of Major River Systems in Alberta Computer File" on page 355, and "Surface Water Data - Alberta (Manual File)" on page 366.

FILE SIZE : 10 rivers

PROJECT DURATION : 1980-

FREQUENCY OF UPDATE : Variable

SOURCE : Alberta Environment, Pollution Control Division, Water Quality Control Branch.

LOCATION : Information is available from:

Water Quality Control Branch
Pollution Control Division
Alberta Environment
6th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5828

ROUTINE WATER QUALITY MONITORING OF MAJOR RIVER SYSTEMS IN ALBERTA COMPUTER FILE

DETAILS : An ongoing computer-accessible file of water samples from the South Saskatchewan River Basin in Alberta to determine chemical properties and the degree of bacterial content emitted from industrial and municipal waste outlets. Seasonal reports are produced.

For related information refer to "Alberta Environmental Centre Reports" on page 218, "Lake Study Brochure Series" on page 251, "Municipal Drinking Water Quality and Quantity" on page 259, "Pollution Report Series" on page 280, and "Lake Water Quality Surveys Computer File" on page 326.

FILE SIZE : 17 sites (chemical and biological data) on 11 rivers

PROJECT DURATION : 1972-

FREQUENCY OF UPDATE : Monthly

SOURCE : Alberta Environment, Pollution Control Division.

LOCATION : Water-quality data is available from:

Head, Water Quality Branch
Pollution Control Division
Alberta Environment
6th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5828

RURAL AIR QUALITY MONITORING COMPUTER FILE

DETAILS : An ongoing computer-accessable file of air-quality station records, documenting dust fall, hydrogen sulphide, sulphation and fluoride levels in rural areas. Hydrogen sulphide, sulphur dioxide, and wind speed and direction are continually monitored in vicinities of gas processing plants.

For related information refer to "Alberta Environmental Centre Reports" on page 218, "Environmental Effects of Sulphur Extraction Gas Plants in Alberta" on page 232, "Environmental Impact Assessment and Information Documents" on page 233, "Environmental Research and Development Reports" on page 235, "Upper Air Observation Computer File" on page 368, and "Urban Air Quality Monitoring Computer File" on page 368.

FILE SIZE : 600 + station records

PROJECT DURATION : 1963-

FREQUENCY OF UPDATE : Monthly

SOURCE : Alberta Environment, Pollution Control Division.

LOCATION : Rural air quality data may be obtained from:

Head, Air Quality Branch
Pollution Control Division
Alberta Environment
6th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5893

SACRAMENTO PRECIPITATION STORAGE GAUGE NETWORK COMPUTER FILE

DETAILS : This computerized data base, on the yearly precipitation in the **Green Zone** of Alberta, is summarized annually in the publication **Synopsis - Sacramento Precipitation Storage Gauge Network**. The computerized data is available through Alberta Environment.

For related information refer to "Hail Rate Map" on page 133, "Precipitation Over Alberta" on page 172, "Meteorological Analysis Reports" on page 257, "Alberta Environment Real Time Hydrometeorological Network Computer File" on page 300, "Alberta Hail Project Records Computer File" on page 302, "Climate Inventory and Appraisal Records Computer File" on page 309, "Climatological Records Computer File" on page 311, "Forest Station Weather Records Computer File" on page 322, "Sacramento Precipitation Storage Gauge Network Computer File", and "Weather Radar Data Computer File" on page 374.

FILE SIZE : 135 stations

PROJECT DURATION : 1954-

FREQUENCY OF UPDATE : Annually

SOURCE : Watershed Management Section, Forest Land Use Branch, Alberta Forest Service, Alberta Energy and Natural Resources.

LOCATION : Further information may be obtained from:

Watershed Management Section
Forest Land Use Branch
Alberta Forest Service
Alberta Energy and Natural Resources
6th Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-3582

Annual publications can be viewed at:

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

Two photocopied maps showing the gauge locations are available at approximately 1:2 500 000 and 1:2 000 000 scales.

SATELLITE IMAGERY

DETAILS : Color and black and white LANDSAT satellite images of Canada can be ordered in scales from 1:1 000 000 to 1:150 000. They are used extensively for natural resources and environmental applications. High resolution digital image tapes are also available. For conventional imagery refer to "Aerial Photography" on page 298.

For related information refer to "Airborne Gamma Ray Spectrometry" on page 66, "Geophysical Series (Aeromagnetic Maps)" on page 132, and "Natural Resources and Land-Related Data Bases" on page 330.

FILE SIZE : N/A

PROJECT DURATION : 1972-

FREQUENCY OF UPDATE : 16-day cycle

SOURCE : Canada Department of Energy, Mines and Resources.

LOCATION : Further information can be obtained from:

Canada Centre for Remote Sensing
Energy Mines and Resources Canada
2464 Sheffield Road
Ottawa, Ontario
K1A 0Y7 (613) 993-0121
Telex : 053-3777

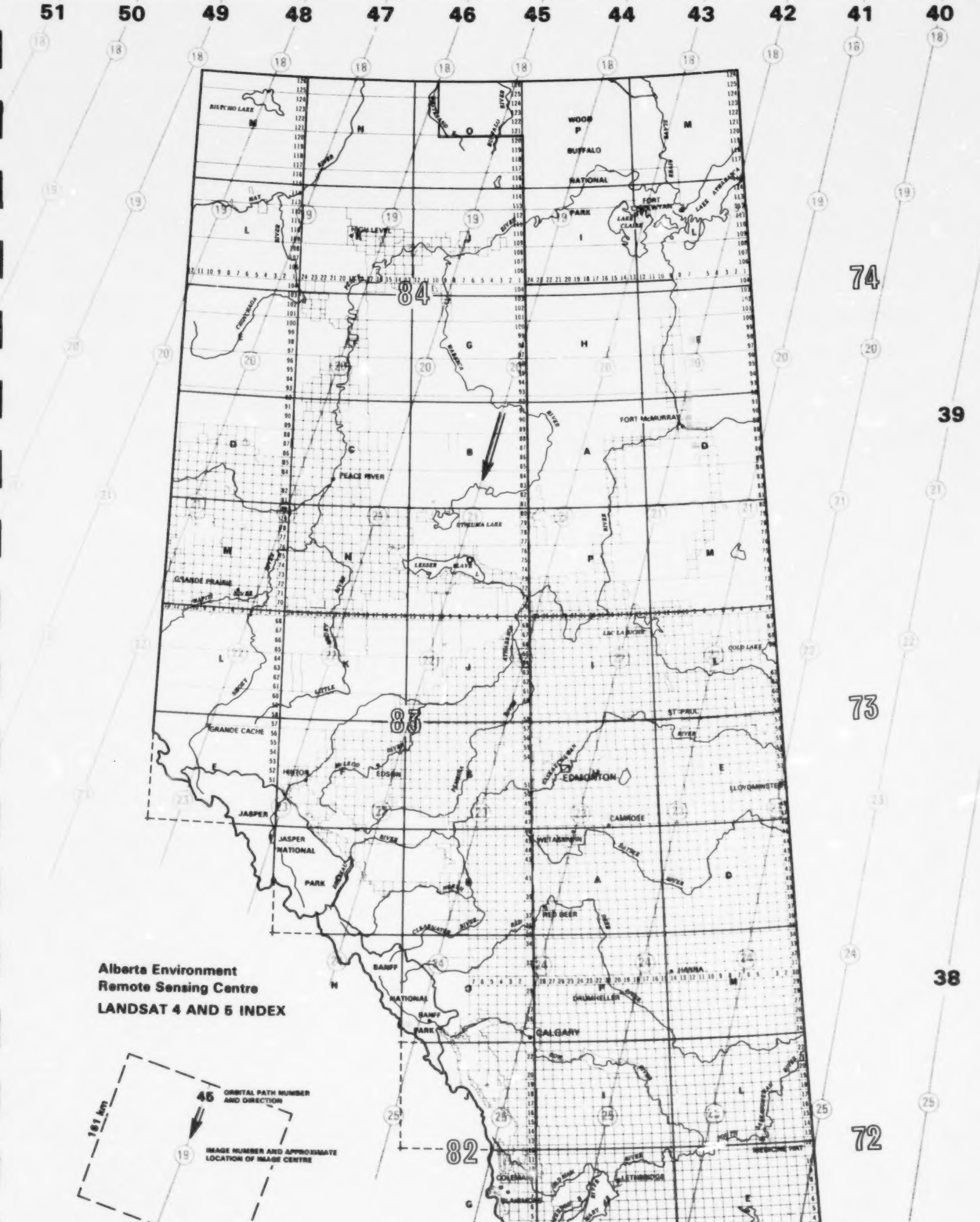
or

Alberta Remote Sensing Centre
Alberta Environment
11th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-2381

Imagery can be selected at the Alberta Remote Sensing Centre, but is ordered from:

Prince Albert Satellite Station
Box 1150
Prince Albert, Saskatchewan
S6V 5S7 (306) 764-3602
Telex : 084-2942

NOTE: LANDSAT's 4 and 5 are currently providing the only remotely sensed earth resources imagery.



Alberta Environment
Remote Sensing Centre
LANDSAT 4 AND 5 INDEX

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LAKE CLAIRE
LAKE ATHABASCA
HIGH LEVEL
PEACE RIVER
FORT McMURRAY
UTIKUMA LAKE
LESSER SLAVE L
GRANDE PRAIRIE
LAC LA BICHE
COLD LAKE
ST PAUL
GRANDE CACHE
HINTON
EDSON
EDMONTON
LLOYDMINSTER
JASPER
JASPER
NATIONAL
PARK
CAMROSE
WETASKIWIN
RED DEER
HANNA
DRUMHELLER
BANFF
NATIONAL
PARK
BANFF
CALGARY
MEDICINE HAT
LETHBRIDGE
COLEMAN
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ORBITAL PATH NUMBER AND DIRECTION
19
IMAGE NUMBER AND APPROXIMATE LOCATION OF IMAGE CENTRE
181 km
185 km
AREA COVERED BY ONE IMAGE

SEDIMENT DATA MANUAL FILE

DETAILS : An annual publication by the Water Survey of Canada, Inland Waters Directorate, indicating sediment data for various rivers in Alberta.

For related information refer to "Peace-Athabasca Delta Project Studies" on page 278, "River Basin Studies" on page 286, "River Channel Studies" on page 289, and "Water Resources Development Studies" on page 295.

FILE SIZE : 22 publications with sediment data

PROJECT DURATION : 1963-

FREQUENCY OF UPDATE : Annually

SOURCE : Environment Canada, Inland Waters Directorate, Water Resources Branch, Water Survey of Canada.

LOCATION : Reports may be viewed at:

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

Further information may be obtained from:

Regional Chief
Water Resources Branch
Environment Canada
Bag 2909, Postal Station M
Calgary, Alberta
T2P 2M7 (403) 231-5301

SEISMIC STATISTICS MANUAL FILE

DETAILS : A paper file in which the number of miles of seismic lines cut, number of miles of land used, amount of land cleared, and amount of financial reimbursement for timber damage are indicated.

For related information refer to "Forest Inventory Mapping" on page 129, "Phase III Forest Inventory Information Reports" on page 279, and "Timber Production Records Manual File" on page 367.

FILE SIZE : Varies from 300 to 1 200 seismic programs per year.

PROJECT DURATION : 1963-

SOURCE : Alberta Energy and Natural Resources, Alberta Forest Service.

LOCATION : Individual records are restricted.

Range Management Section
Forest Land Use Branch
Alberta Forest Service
Alberta Energy and Natural Resources
6th Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-3582

Totals are public and are available in **Annual Report: Alberta Energy and Natural Resources** from:

Information Centre
Alberta Energy and Natural Resources
1st Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-3590

SILVICULTURE COMPUTER FILE

DETAILS : An ongoing computer-accessible file in which records are maintained on areas that are cut each year, surveyed for new growth, and areas successfully reforested and silviculturally treated. The number of seedlings planted and the total area scarified, seeded and thinned is presented for each forest region in Alberta.

For related information refer to "Alberta 1:50 000 Provincial Resource Base Map Series (Planimetric and Forest Cover)" on page 77, "Alberta 1:190 080 Provincial Forest Reserve (Topographical) Maps" on page 82, "Alberta 1:1 500 000 Provincial Map Series" on page 89, "Forage Inventory Program" on page 127, "Forest Inventory Mapping" on page 129, "Land Capability for Forestry" on page 145, "Special Ecological Studies" on page 193, and "Environmental Effects of Forestry Operations in Alberta" on page 231.

FILE SIZE : N/A

PROJECT DURATION : 1960-

SOURCE : Alberta Energy and Natural Resources, Alberta Forest Service.

LOCATION : Silviculture reports are available from:

Timber Management Branch
Alberta Forest Service
Alberta Energy and Natural Resources
7th Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4 (403) 427-7619

SNOW COURSE DATA COMPUTER FILE

DETAILS : Snow courses provide snow data (depth and water equivalent) to enable the River Forecast Centre to produce **Water Supply and Snow Survey Bulletins** for the year. The **Water Supply Outlook** is issued as closely as possible to the beginnings of March, April, May, June, July and August. A yearly summary is also available.

All historical data are available in a computer print-out format. Information includes the location of the snow course, the date of the survey, the average depth of snow and its water equivalent. In addition, Alberta Environment operates several snow pillows; these devices are designed to give a continuous record of the accumulation and depletion of the snow pack over the entire season.

For related information refer to "Hail Rate Map" on page 133, "Precipitation Over Alberta" on page 172, "Meteorological Analysis Reports" on page 257, "Alberta Environment Real Time Hydrometeorological Network Computer File" on page 300, "Alberta Hail Project Records Computer File" on page 302, "Climate Inventory and Appraisal Records Computer File" on page 309, "Climatological Records Computer File" on page 311, "Forest Station Weather Records Computer File" on page 322, "Sacramento Precipitation Storage Gauge Network Computer File" on page 357, and "Weather Radar Data Computer File" on page 374.

FILE SIZE : 101 (snow courses, 1981-1983)

PROJECT DURATION : 1941-

SOURCE : Alberta Environment, Technical Services Division and Environment Canada, Atmospheric Environment Services.

LOCATION : Snow Course data is available from:

Surveys Branch
Technical Services Division
Alberta Environment
10th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6279

SOIL DATA COMPUTER FILE (CANSIS)

DETAILS : A comprehensive computer-accessible file (CANSIS) of soil profiles in Alberta. Field descriptions specify location, climate, vegetation, parent material, soil morphology and special notes. Physical, chemical, engineering, mineralogical and other special analytical data are available for most locations.

For related information refer to "Exploratory Soil Survey Series" on page 122, "Land (Soil) Capability for Agriculture" on page 144, "Land Classification Studies - Physical" on page 155, "Reconnaissance Soil Survey Map Series" on page 178, "Soil Surveys of National and Provincial Parks and Areas Assessed for Parks Planning" on page 183, "Soils Mapping - AOSERP" on page 188, "Soil Survey of Urban Areas and Areas Adjacent to Urban Centres" on page 189, "Solonetzic Soils of Alberta" on page 192, "Special Geomorphic Landform Maps" on page 194, "Soil Irrigability Reports" on page 290, "Mineral Exploration Sample Storage Manual File" on page 328, and "Natural Resources and Land-Related Data Bases" on page 330.

FILE SIZE : 600 + samples

PROJECT DURATION : 1972-

FREQUENCY OF UPDATE : Daily

SOURCE : Alberta Research Council, Natural Resources Division.

LOCATION : Information may be obtained from:

Head, Soils Department
Alberta Research Council
6th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-0555

Note: This file is not publicly accessible.

SOLAR AND WIND ENERGY RESEARCH PROGRAM (SWERP) MANUAL FILE

DETAILS : Wind speed and direction air temperature, and solar radiation incident on the six faces of a cube are all monitored at each of the following recording stations in Alberta: Pincher Creek, Coronation, Rocky Mountain House, Edson, Ellerslie, Fort McMurray and Lethbridge.

For related information refer to "Natural Resources and Land-Related Data Bases" on page 330, and "Upper Air Observation Computer File" on page 368.

FILE SIZE : 7 recording stations

PROJECT DURATION : 1977-

FREQUENCY OF UPDATE : Daily

SOURCE : Alberta Research Council, Industrial and Engineering Research Division.

LOCATION : For further information, contact Karen Beliveau at:

Alberta Research Council
Solar and Wind Energy Research
Information Centre (SWERP)
5th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-1666

The following Alberta Research Council publications are available:

A Tabulation and Analysis of Solar Radiation Data in Alberta
Wind Power in Alberta

The **Solar and Wind Energy Research Program (SWERP) Index**, available on an annual subscription basis, has been prepared and is available in the following libraries in Alberta: Red Deer, Grande Prairie, Lethbridge, Calgary, Medicine Hat, Fort McMurray and the Alberta Research Council.

A copy may be viewed at:

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

SPRINGS OF ALBERTA COMPUTER FILE

DETAILS : A computer-accessible file of groundwater springs in Alberta. Well and borehole data, aquifer tests, chemistry, lithology and location are recorded for each groundwater spring.

For related information refer to "East Central Alberta Regional Groundwater Resource Inventory" on page 111, "Hydrogeology, Miscellaneous Groundwater Geology and Related Maps" on page 134, "Hydrogeological Reconnaissance Map Series" on page 137, "Alberta Environmental Centre Reports" on page 218, "Groundwater Reports and Bibliography" on page 244, "Pollution Report Series" on page 280, "Water Resources Development Studies" on page 295, "Central Groundwater Data Manual File" on page 308, "Flowing Holes Manual File" on page 319, "Observation Well Network Manual File" on page 348, "Water Well Drilling Reports Manual File" on page 372, and "Water Well Information Manual File (Earth Sciences Division)" on page 373.

FILE SIZE : 1 800 + wells

PROJECT DURATION : 1976-1980

SOURCE : Alberta Research Council, Natural Resources Division.

LOCATION : Data for individual groundwater springs are available in **Index to the Springs of Alberta** from:

Terrain Sciences Department
Alberta Research Council
6th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-0555

Computer print-outs are available upon request. Further information may be found in **Hydrology, Springs of Alberta** by D.M. Borneuf; 1982, Earth Sciences Report 82-3. For addition information on the groundwater resources of Alberta, contact:

Groundwater Resources Information
Services, Hydrology Branch
Earth Sciences Division
Alberta Environment
4th Fl., Energy Square
10109-106th Street
Edmonton, Alberta
T5J 1H3 (403) 427-4483
or (403) 427-4484

SURFACE WATER DATA - ALBERTA (MANUAL FILE)

DETAILS : An annual report by the Water Survey of Canada, Inland Waters Directorate, water data for various water bodies in Alberta.

For related information refer to "Bathymetric Survey Map Series" on page 94, "Flood Control and Water Management in the Paddle River Basin" on page 236, "Flood Plain Studies" on page 237, "Flow Regulation of the Red Deer River" on page 240, "Habitat Development Report Series" on page 245, "Lake Planning Program" on page 250, "Lake Study Brochure Series" on page 251, "Municipal Drinking Water Quality and Quantity" on page 259, "Northern Water Supply Program" on page 275, "Pollution Report Series" on page 280, "River Basin Studies" on page 286, "River Channel Studies" on page 289, "Survey Report Series (Water Bodies)" on page 291, "Water Resources Development Studies" on page 295, "Lake Level Manual File" on page 324, "Lake and Reservoir Area and Capacity Manual File" on page 325, "Lake and Stream Manual Files" on page 325, "Lake Water Quality Surveys Computer File" on page 326, "Routine Water Quality Monitoring of Major River Systems in Alberta Computer File" on page 355, "Sediment Data Manual File" on page 360, and "Water Diversion Licences Computer File" on page 371.

FILE SIZE : 400 + water bodies

PROJECT DURATION : 1898-

FREQUENCY OF UPDATE : Annually

SOURCE : Environment Canada, Inland Waters Directorate, Water Resources Branch

LOCATION : Reports are available for viewing at:

Library
Alberta Energy and Natural Resources
9th Fl., South Tower, Petroleum Plaza
9915-108th Street
Edmonton, Alberta
T5K 2C9 (403) 427-7425

or

Records Centre
Technical Services Division
Alberta Environment
10th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6298

or

Environment Canada Library
1400 Rocky Mountain Plaza
615-2nd Street, S.E.
Calgary, Alberta
T2G 4T8 (403) 297-6461

Further information may be obtained from:

Regional Chief
Water Resources Branch
Environment Canada
Bag 2909, Postal Station M
Calgary, Alberta
T2P 2M7   (403) 231-5301

TIMBER PRODUCTION RECORDS MANUAL FILE

DETAILS : An ongoing manual file indicating the quantity of lumber scaled, sawn, manufactured and sold, by tree species or species grouping, and forestry management unit.

For related information refer to "Alberta 1:50 000 Provincial Resource Base Map Series (Planimetric and Forest Cover)" on page 77, "Alberta 1:190 080 Provincial Forest Reserve (Topographical) Maps" on page 82, "Forage Inventory Program" on page 127, "Forest Inventory Mapping" on page 129, "Land Capability for Forestry" on page 145, "Special Ecological Studies" on page 193, "Vegetation Mapping - AOSERP" on page 208, "Environmental Effects of Forestry Operations in Alberta" on page 231, "Silviculture Computer File" on page 362, and "AFORISM - Alberta Forest Inventory Storage and Maintenance" on page 301.

FILE SIZE : N/A

PROJECT DURATION : 1950-

FREQUENCY OF UPDATE : Monthly

SOURCE : Alberta Energy and Natural Resource, Alberta Forest Service.

LOCATION : Individual records are restricted; contact:

Forest Revenue Section
Timber Management Branch
Alberta Forest Service
Alberta Energy and Natural Resources
7th Fl., Bramalea Bldg.
9920-108th Street
Edmonton, Alberta
T5K 2M4   (403) 427-7617

Totals are public and are available in the following publications:

Annual Report, Alberta Energy and Natural Resources.
Production Shipments and Stocks on Hand Sawmills East of the Rockies, Statistics Canada.

UPPER AIR OBSERVATION COMPUTER FILE

DETAILS : Upper atmospheric observations of temperature, humidity and winds with altitude from rawinsonde soundings from Rocky Mountain House (to 1980), Red Deer Airport, Calgary and a mobile unit operated within the project area (to 1980). Data commencing in 1983 is available on magnetic tape; prior to this date, hard copy data print-outs are available.

For related information refer to "Rural Air Quality Monitoring Computer File" on page 356, and "Urban Air Quality Monitoring Computer File".

FILE SIZE : 3 500 + soundings

PROJECT DURATION : 1974-

FREQUENCY OF UPDATE : Annually

SOURCE : Alberta Research Council, Atmospheric Sciences Department.

LOCATION : Information is available from:

Atmospheric Sciences Department
Alberta Research Council
Courier Mailroom, Provincial Building
4920-51st Street
Red Deer, Alberta
T4N 6K8 (403) 886-4431

URBAN AIR QUALITY MONITORING COMPUTER FILE

DETAILS : An ongoing computer-accessible file in which nitrogen oxides, carbon monoxide, sulphur dioxide, total oxidant, total hydrocarbons, and suspended particulate matter are recorded quantitatively for the assessment of air quality in Edmonton and Calgary. Less comprehensive networks are maintained in other urban areas.

For related information refer to "Environmental Effects of Sulphur Extraction Gas Plants in Alberta" on page 232, "Environmental Impact Assessment and Information Documents" on page 233, "Environmental Research and Development Reports" on page 235, "Rural Air Quality Monitoring Computer File" on page 356, and "Upper Air Observation Computer File".

FILE SIZE : 6 stations

PROJECT DURATION : 1966-

FREQUENCY OF UPDATE : Monthly

SOURCE : Alberta Environment, Pollution Control Division.

LOCATION : Urban air-quality data is available from:

Head, Air Quality Branch
Pollution Control Division
Alberta Environment
6th Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-5893

URBAN GEOLOGY MANUAL FILE

DETAILS : A published paper file in which geological surveys of Edmonton and Calgary have been documented. Within each file are extensive drill hole records with lithological logs, field notes and a comprehensive analysis of mineralogical, textural and engineering features.

For related information refer to "Bedrock Geology - Geological Survey of Canada" on page 95, "Bedrock Geology - Alberta Research Council" on page 104, "Bedrock Topography - Alberta Research Council" on page 108, "Surficial Geology - Alberta Research Council" on page 196, "Surficial Geology - Geological Survey of Canada" on page 202, "Surficial Geology and Erosion Potential, Foothills of Alberta" on page 205, "Surficial Geology Mapping - AOSERP Area" on page 206, "Alberta Research Council Bulletins" on page 220, "Alberta Research Council Earth Sciences Reports" on page 221, "Alberta Research Council Open File Reports" on page 223, "Bentonites and Limestones Manual File" on page 307, "Clays and Shales Manual File" on page 308, and "Mineral Exploration Sample Storage Manual File" on page 328.

FILE SIZE : 5 000 + drill hole records

PROJECT DURATION : 1970-

SOURCE : Alberta Research Council, Natural Resources Division.

LOCATION : Information may be obtained from:

Information Geologist
Alberta Geological Survey
Alberta Research Council
3rd Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-0555

VEGETATION DATA BANK

DETAILS : The Resource Evaluation Branch is currently developing a vegetation database for various sample plots in selected areas of the province. Information contained within this database include: vegetation composition by species, cover in percentage, site conditions (ie. slope, aspect, drainage), soils and forest mensuration data. Departmental access to the data, stored at the University of Alberta under MTS, can be arranged through the Resource Inventory Section.

For related information refer to "Forage Inventory Program" on page 127, "Integrated Resource Inventories" on page 141, "Land Classification Studies - Ecological" on page 152, "Land Classification Studies - Physical" on page 155, "Special Ecological Studies" on page 193, and "AFORISM - Alberta Forest Inventory Storage and Maintenance" on page 301.

FILE SIZE : 2 000 + sample plots

PROJECT DURATION : 1981-

FREQUENCY OF UPDATE : Daily

SOURCE : Energy and Natural Resources, Resource Evaluation and Planning Division, Resource Evaluation Branch, Resource Inventory Section.

LOCATION : Access to the data can be arranged through:

Manager, Resource Inventory Section
Resource Evaluation Branch
Resource Evaluation and Planning Division
Alberta Energy and Natural Resources
4th Fl., North Tower, Petroleum Plaza
9945-108th Street
Edmonton, Alberta
T5K 2G6 (403) 427-7222

WATER DIVERSION LICENCES COMPUTER FILE

DETAILS : A comprehensive ongoing computer accessible file of project data for licences and permits issued under the Water Resource Act. For each licence, surface and ground water, the following information may be included:

1. Unique number
2. Applicant
3. Point of diversion
4. Statutory purpose
5. Drainage basin
6. Water survey basin
7. Tributary of/to
8. Source of supply
9. Project name
10. Gross diversion
11. Annual irrigation
12. Dam height
13. File number
14. NTS nap number
15. Artificial storage
16. Reservoir area
17. Total storage
18. Headworks capacity

The permit file includes:

1. Applicant
2. File number
3. Land location
4. Stream name
5. Crossing type
6. Approval date

For related information refer to "East Central Alberta Regional Groundwater Resource Inventory" on page 111, "Flood Control and Water Management in the Paddle River Basin" on page 236, "Flow Regulation of the Red Deer River" on page 240, "Integrated Resource Planning Projects" on page 247, "Miscellaneous Streamflow Data" on page 258, "Survey Report Series (Water Bodies)" on page 291, "Flowing Holes Manual File" on page 319, "Observation Well Network Manual File" on page 348, "Springs of Alberta Computer File" on page 365, "Water Well Drilling Reports Manual File" on page 372, and "Water Well Information Manual File (Earth Sciences Division)" on page 373.

FILE SIZE : 12 800 + active licences and 8 300 + permits.

PROJECT DURATION : Circa 1880

FREQUENCY OF UPDATE : Monthly

SOURCE : Alberta Environment, Water Resources Administration Division.

LOCATION : Information is available from;

Water Resources Administration Division
Alberta Environment
2nd Fl., Oxbridge Place
9820-106th Street
Edmonton, Alberta
T5K 2J6 (403) 427-6111

WATER WELL DRILLING REPORTS MANUAL FILE

DETAILS : An ongoing paper file indicating location, depth, amount and quality of water for each domestic, industrial or municipal well drilled. A description of ground formations is also included for each well drilled.

For related information refer to "East Central Alberta Regional Groundwater Resource Inventory" on page 111, "Flood Control and Water Management in the Paddle River Basin" on page 236, "Flow Regulation of the Red Deer River" on page 240, "Integrated Resource Planning Projects" on page 247, "Miscellaneous Streamflow Data" on page 258, "Survey Report Series (Water Bodies)" on page 291, "Flowing Holes Manual File" on page 319, "Observation Well Network Manual File" on page 348, "Springs of Alberta Computer File" on page 365, "Surface Water Data - Alberta (Manual File)" on page 366, "Water Diversion Licences Computer File" on page 371, and "Water Well Information Manual File (Earth Sciences Division)" on page 373.

FILE SIZE : N/A

PROJECT DURATION : 1953-

FREQUENCY OF UPDATE : N/A

SOURCE : Alberta Environment, Earth Sciences Division.

LOCATION : Information is available from:

Alberta Environment
Earth Sciences Division
14th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-6182

WATER WELL INFORMATION MANUAL FILE (EARTH SCIENCES DIVISION)

DETAILS : An ongoing paper file of information on all known water wells drilled in Alberta. Files (available on microfiche), may include drilling reports (land location, owner, water use, yield, lithologic description), water chemistry, geophysical logs, pump test data and structure test holes. An Index File indicating what information is available is produced on microfiche and updated quarterly. Computer print-outs are also available.

For related information refer to "East Central Alberta Regional Groundwater Resource Inventory" on page 111, "Flood Control and Water Management in the Paddle River Basin" on page 236, "Flow Regulation of the Red Deer River" on page 240, "Integrated Resource Planning Projects" on page 247, "Miscellaneous Streamflow Data" on page 258, "Survey Report Series (Water Bodies)" on page 291, "Flowing Holes Manual File" on page 319, "Observation Well Network Manual File" on page 348, "Springs of Alberta Computer File" on page 365, "Surface Water Data - Alberta (Manual File)" on page 366, and "Water Well Drilling Reports Manual File" on page 372.

FILE SIZE : 24 000 + wells

PROJECT DURATION : 1973-

FREQUENCY OF UPDATE : Daily for the paper file and quarterly for the microfiche file.

SOURCE : Alberta Environment, Earth Sciences Division.

LOCATION : Groundwater data is available from:

Geology Section, Hydrology Branch
Earth Sciences Division
Alberta Environment
14th Fl., Standard Life Centre
10405 Jasper Avenue
Edmonton, Alberta
T5J 3N4 (403) 427-6231

For additional information on groundwater resources of Alberta, contact:

Groundwater Resources Information
Services, Hydrology Branch
Earth Sciences Division
Alberta Environment
4th Fl., Energy Square
10109-106th Street
Edmonton, Alberta
T5J 1H3 (403) 427-4483
or (403) 427-4484

WEATHER RADAR DATA COMPUTER FILE

DETAILS : A collection of magnetic tapes with highly compressed data from an S-band (10 cm wavelength) polarization diversity radar and a C-brand (5 cm wavelength) weather radar. The radars are located at the Red Deer Airport and during the summer months make volume scans of the atmosphere within a 150 kilometre radius every 1-3 minutes. These data can be used to measure rainfall and estimate hailstorm intensity. A comprehensive set of computer programs allows for the recording, display and analysis of the data.

For related information refer to "Hail Rate Map" on page 133, "Precipitation Over Alberta" on page 172, "Meteorological Analysis Reports" on page 257, "Alberta Environment Real Time Hydrometeorological Network Computer File" on page 300, "Alberta Hail Project Records Computer File" on page 302, "Climate Inventory and Appraisal Records Computer File" on page 309, "Climatological Records Computer File' on page 311, "Forest Station Weather Records Computer File" on page 322, "Sacramento Precipitation Storage Gauge Network Computer File" on page 357, and "Snow Course Data Computer File" on page 362.

FILE SIZE : 4 000 + magnetic tapes (2 400 feet, 800 bpi)

PROJECT DURATION : 1974-

FREQUENCY OF UPDATE : Annually

SOURCE : Alberta Research Council, Atmospheric Sciences Department.

LOCATION : Information is available from:

Atmospheric Sciences Department
Alberta Research Council
7th Fl., Terrace Plaza
4445 Calgary Trail South
Edmonton, Alberta
T6H 5R7 (403) 438-0555

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